VARTA

BATTERY EXPERTISE
125 YEARS
1887 - 2012

GENERAL CATALOGUE 2012

Version : March 2012

VARTA – Highlighting 125 years of battery expertise

1887

1887 – The beginning
Founding father A. Müller launches Büsche & Müller

1893

1893 – Lighting up the Arctic
The polar explorer Fridtjof Nansen sets sail to explore the Arctic Ocean. On board the 'Fram': batteries made by VARTA's predecessor, AFA.

The 20s

The 1920s – The portable radio arrives
A treat for the ears appeared on the market in the mid-1920s. The ideal batteries for powering radios take the market by storm – the portable radio is born!

The 50s

1950s – Tiny cells with enormous benefits
How to be big when you're small! The first button cells start to make life easier – a new age begins for people with hearing aids and manufacturers of watches.

The 60s

1960s – The right colour, the right battery
Which battery do I need? The 1960s bring 3 colours – yellow, red and blue – to indicate 3 different energy needs. It just couldn't be easier!

1969

1969 – VARTA on the moon
One small step for man, one giant leap for mankind. 1969 saw Neil Armstrong taking his first steps on the moon – along for the ride: batteries made by VARTA.

The 80s

1980s – Three times the power
VARTA begins the production of alkaline batteries. The innovation: app. 3 times more power than conventional zinc-carbon batteries.

2004

2004 – Fast, faster, 15 minutes
An end to endless charging cycles:
VARTA Consumer amazes the market with the 15-minute charger – the world's fastest battery charging system of its time.

2012

2012 – VARTA Consumer Relaunched
VARTA sets new standards with improved product performance, boldly communicated to consumers.
Find out more: **www.varta-consumer.com**

Longlasting

Power

Precise Energy

GENERAL CATALOGUE 2012

INNOVATION, COMPETENCE, QUALITY – EVERYTHING AT A GLANCE

With this **general catalogue, VARTA** is once again setting standards in the market for mobile energy solutions.
VARTA offers a convincing product line, as well as outstanding individual products – brought to you in a compact, informative catalogue.

You'll be impressed by the variety of product offerings that are consistently innovated to meet the needs of all device generations and your customers.

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Max Tech | High Energy | Longlife | Superlife | Special

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VARTA

GENERAL PURPOSE

Clear orientation. Better performance. Exclusively from VARTA.

LONGLASTING

POWER

PRECISE ENERGY

With its TriEnergy concept, VARTA is leading the way in the alkaline mass market. The clearly differentiated product lines in the new design make it easy for retailers and consumers to select the right energy for all devices.

Just like in sports in which each discipline places different energy demands on the athletes, battery driven devices also demand different types of energy.

Only the VARTA TriEnergy system delivers always the right energy for the best solution in each device. Power alone is not enough.

Consequently, the batteries have been significantly optimised for their dimension of performance. Endurance, power and precise energy are the supporting pillars of the VARTA TriEnergy concept. It enables each VARTA line to achieve top performance in its dimension.

The resulting benefit for consumers: clear orientation and easy decision in the store to get the right energy for maximum performance.

MAX TECH | CELLS BLISTER

MADE IN GERMANY

- VARTA precision – for high-tech devices with precise and fluctuating energy demands
- Clear communication of recommended use by way of pictograms
- „Made in Germany“ as the proof of origin on the blister front of the most important product types
- Single Press Out enables easy opening of the pack and good storage for unused batteries
- Performance statements on the packaging of the most important sizes AA / AAA demonstrate the product benefits to consumers and assist in orientation

Type	Voltage (V)	Electrochemical system	Width (mm)	Height (mm)	Depth (mm)	Diameter (mm)	Weight (g)	IEC	Others
4703	1.5	Alkaline	–	44.5	–	10.5	11.3	LR03	Micro, AAA, AM4, MN2400, Ministilo
4706	1.5	Alkaline	–	50.5	–	14.5	23.5	LR6	Mignon, AA, AM3, MN1500, Stilo
4761	1.5	Alkaline	–	41.5	–	8.3	6.5	LR8D425	AAAA, MN2500

Type	Batteries/ consumer unit	Width (mm)	Height (mm)	Depth (mm)	Weight (g)	Order No./ consumer unit	EAN/GTIN/ consumer unit	Minimum pieces/ shipment unit	Innercarton	Mastercarton
4703	2	80	120	12	27	04703 101 412	40 08496 11473 3	10	10	50
4703	4	80	120	12	50	04703 101 404	40 08496 10473 4	10	10	50
4703	4+2	80	120	12	72	04703 101 436	40 08496 67583 8	10	10	50
4706	2	80	120	16	51	04706 101 412	40 08496 11476 4	20	20	100
4706	4	80	120	16	99	04706 101 404	40 08496 10594 6	20	20	100
4706	4+2	80	120	28	148	04706 101 436	40 08496 67579 1	10	10	50
4761	2	80	120	10	19	04761 101 412	40 08496 52497 6	10	10	50

HIGH ENERGY | CELLS TRAY

4903 4906 4914 4920 4918 4922 4912

Tray 4906 121 354

Tray 4906 121 814

LONGLIFE
HIGH ENERGY
MAX TECH

- VARTA power – for energy-hungry devices with high energy demands
- Power „MADE IN GERMANY“ for all important battery types

Type	Voltage (V)	Electrochemical system	Width (mm)	Height (mm)	Depth (mm)	Diameter (mm)	Weight (g)	IEC	Others
4903	1.5	Alkaline	–	44.5	–	10.5	11.3	LR03	Micro, AAA, AM4, MN2400, Ministilo
4906	1.5	Alkaline	–	50.5	–	14.5	23.5	LR6	Mignon, AA, AM3, MN1500, Stilo
4912	4.5	Alkaline	62.0	67.0	22.0	–	168.5	3LR12	Normal MN1203
4914	1.5	Alkaline	–	50.0	–	26.2	68.5	LR14	Baby, C, AM2, MN1400, 1/2Torcia
4918	6.0	Alkaline	48.5	35.6	9.2	–	34.0	4LR61	Flat Pack, J
4920	1.5	Alkaline	–	61.5	–	34.2	136.0	LR20	Mono, D, AM1, MN1300, Torcia
4922	9.0	Alkaline	26.5	48.5	17.5	–	48.5	6LR61	E-Block, PP3, 6AM6, MN1604, Transistor

Type	Batteries/ consumer unit	Width (mm)	Height (mm)	Depth (mm)	Weight (g)	Order No./ consumer unit	EAN/GTIN/ consumer unit	Minimum pieces/ shipment unit	Innercarton	Mastercarton
4903	4	80	120	12	50	04903 121 814	40 08496 55974 9	14	–	14
4906	4	80	120	16	99	04906 121 814	40 08496 55943 5	11	–	11
4906	4	60	52	15	94	04906 121 354	40 08496 57340 0	10	10	100

HIGH ENERGY | BLISTER

4903 4906 4914 4920 4918 4922 4912

LONGLIFE
HIGH ENERGY
MAX TECH

- Clear communication of recommended use by way of pictograms
- „Made in Germany“ as the proof of origin on the blister front of the most important product types
- Single Press Out enables easy opening of the pack and good storage for unused batteries
- Performance statements on the packaging of the most important sizes AA / AAA demonstrate the product benefits to consumers and assist in orientation

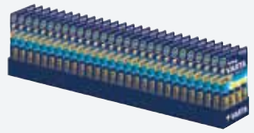
Type	Batteries/ consumer unit	Width (mm)	Height (mm)	Depth (mm)	Weight (g)	Order No./ consumer unit	EAN/GTIN/ consumer unit	Minimum pieces/ shipment unit	Innercarton	Mastercarton
4903	2	80	120	12	27	04903 121 412	40 08496 55970 1	10	10	50
4903	4	80	120	12	50	04903 121 414	40 08496 55974 9	10	10	50
4903*	8	167	120	12	104	04903 121 418	40 08496 55978 7	20	-	20
4903*	10	167	120	12	126	04903 121 461	40 08496 62687 8	20	-	20
4903*	12	167	120	12	149	04903 121 482	40 08496 59303 3	20	-	20
4903*	20	167	120	22	242	04903 121 420	40 08496 62807 0	10	10	20
4903	4+1	80	120	12	62	04903 121 415	40 08496 67396 4	10	10	50
4903	4+2	80	120	12	72	04903 121 436	40 08496 60523 1	10	10	50
4903*	6+2	167	120	12	102	04903 121 428	40 08496 56885 7	20	-	20
4903*	8+4	167	120	12	149	04903 121 472	40 08496 65920 3	20	-	20
4906	2	80	120	16	51	04906 121 412	40 08496 55939 8	20	20	100
4906	4	80	120	16	99	04906 121 414	40 08496 55943 5	20	20	100
4906*	8	167	120	16	203	04906 121 418	40 08496 55951 0	20	-	20
4906*	10	167	120	16	254	04906 121 461	40 08496 62680 9	20	-	20
4906*	12	167	120	16	301	04906 121 482	40 08496 55967 1	20	-	20
4906*	20	167	120	30	486	04906 121 420	40 08496 60565 1	10	10	20
4906	4+1	80	120	16	125	04906 121 415	40 08496 55947 3	10	10	50
4906	4+2	80	120	28	148	04906 121 436	40 08496 56877 2	10	10	50
4906*	6+2	167	120	16	198	04906 121 428	40 08496 55955 8	20	-	20
4906*	8+4	167	120	16	301	04906 121 472	40 08496 65923 4	20	-	20
4912	1	80	120	23	175	04912 121 411	40 08496 55994 7	10	10	100
4914	2	80	120	27	139	04914 121 412	40 08496 55931 2	10	10	100
4918	1	80	120	12	39	04918 121 401	40 08496 55998 5	10	10	50
4920	2	80	120	35	280	04920 121 412	40 08496 55923 7	10	10	50
4922	1	80	120	19	51	04922 121 411	40 08496 55986 2	10	10	50

* Double blister

LONGLIFE | CELLS TRAY

4103 4106 4114 4120 4122 4112

Tray
4106 101 354



PDQ
4106 101 894
4103 101 894

LONGLIFE
HIGH ENERGY
MAX TECH

LONGLIFE | BLISTER FOIL

4103 / 4106

4103

4106

4114

4120

4122

LONGLIFE
HIGH ENERGY
MAX TECH

– VARTA durability – for simple devices with rather low and constant energy demands

Type	Voltage (V)	Electrochemical system	Width (mm)	Height (mm)	Depth (mm)	Diameter (mm)	Weight (g)	IEC	Others
4103	1.5	Alkaline	–	44.5	–	10.5	11.0	LR03	Micro, AAA, AM4, MN2400, Ministilo
4106	1.5	Alkaline	–	50.5	–	14.5	23.0	LR6	Mignon, AA, AM3, MN1500, Stilo
4114	1.5	Alkaline	–	50.0	–	26.2	66.5	LR14	Baby, C, AM2, MN1400, 1/2Torcia
4120	1.5	Alkaline	–	61.5	–	34.2	136.0	LR20	Mono, D, AM1, MN1300, Torcia
4122	9.0	Alkaline	26.5	48.5	17.5	–	46.0	6LR61	E-Block, PP3, 6AM6, MN1604, Transistor
4112	4.5	Alkaline	80	120	23	–	96	3LR12	Normal, MN1203

Type	Batteries/ consumer unit	Width (mm)	Height (mm)	Depth (mm)	Weight (g)	Order No./ consumer unit	EAN/GTIN/ consumer unit	Minimum pieces/ shipment unit	Innercarton	Mastercarton
4106	4	60	52	15	93	04106 101 354	40 08496 57277 9	10	10	100
4106	4	80	120	16	98	04106 101 894	40 08496 52515 7	22	-	22
4103	4	80	120	12	49	04103 101 894	40 08496 52507 2	28	-	28

– New innovative foilpacks: Communicative, for hooks & stackable on shelves
– Clear communication of recommended use by way of pictograms
– „Made in Germany“ as the proof of origin on the blister front of the most important product types
– Single Press Out enables easy opening of the pack and good storage for unused batteries

Type	Batteries/ consumer unit	Width (mm)	Height (mm)	Depth (mm)	Weight (g)	Order No./ consumer unit	EAN/GTIN/ consumer unit	Minimum pieces/ shipment unit	Innercarton	Mastercarton
4103	2	80	120	12	26	04103 101 412	40 08496 59472 6	10	10	50
4103	4	80	120	12	49	04103 101 414	40 08496 52507 2	10	10	50
4103	6	80	120	12	70	04103 101 416	40 08496 52511 9	10	10	50
4103*	10	167	120	12	123	04103 101 461	40 08496 60931 4	20	–	20
4103*	16	167	120	22	193	04103 214 416	40 08496 59208 1	14	–	14
4106	2	80	120	16	51	04106 101 412	40 08496 59467 2	20	20	100
4106	4	80	120	16	98	04106 101 414	40 08496 52515 7	20	20	100
4106	6	80	120	28	147	04106 101 436	40 08496 64083 6	10	10	50
4106*	10	167	120	16	252	04106 101 461	40 08496 52523 2	20	–	20
4106*	16	167	120	28	392	04106 214 416	40 08496 59211 1	10	–	10
4112	1	80	120	23	96	04112 101 411	40 08496 67262 2	10	10	100
4114	2	80	120	27	139	04114 101 412	40 08496 52526 3	10	10	100
4120	2	80	120	35	280	04120 101 412	40 08496 52534 8	10	10	50
4122	1	80	120	19	51	04122 101 411	40 08496 52542 3	10	10	50
4122	2	80	120	19	97	04122 101 412	40 08496 63846 8	10	10	50

* Double blister

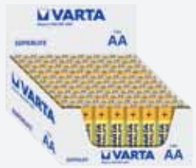
Type	Batteries/ consumer unit	Width (mm)	Height (mm)	Depth (mm)	Weight (g)	Order No./ consumer unit	EAN/GTIN/ consumer unit	Minimum pieces/ shipment unit	Innercarton	Mastercarton
4103**	8	55	121	11	90	04103 101 328	40 08496 74468 8	25	–	25
4106**	8	64	155	15	188	04106 101 328	40 08496 68112 9	25	–	25
4114***	6	156	50	27	401	04114 101 306	40 08496 57274 8	30	–	30

** Flowpack
*** Foil

GENERAL PURPOSE
RECHARGEABLE
PROFESSIONAL
BUTTON CELLS
FLASHLIGHTS
DISPLAY SYSTEMS

SUPERLIFE | FOIL TRAY BLISTER

2006


Tray

2003

2006

2014

2020

2022

2012

- **Brand quality for the price-conscious**
- **Reliable zinc-carbon cells for all low-drain appliances like clocks etc.**

Type	Voltage (V)	Electrochemical System	Width (mm)	Height (mm)	Depth (mm)	Weight (g)	Batteries/ consumer unit	Order No./ consumer unit	EAN/GTIN/ consumer unit (40 08496)	Minimum pieces/ shipment unit	Innercarton	Mastercarton	IEC	Others
2006*	1.5	Zinc Carbon	60	52	15	72	4	2006 101 304	40 08496 55646 5	12	12	60	R6P	Mignon, AA
2006*	1.5	Zinc Carbon	122	52	15	145	8	2006 101 308	40 08496 20661 2	6	6	30	R6P	Mignon, AA
2012*	4.5	Zinc Carbon	62	64	22	102	1	2012 101 301	40 08496 55659 5	44	-	44	3R12P	Normal
2014*	1.5	Zinc Carbon	54	51	27	96	2	2014 101 302	40 08496 55650 2	12	12	60	R14P	Baby, C
2014*	1.5	Zinc Carbon	104	50	27	193	4	2014 101 304	40 08496 62630 4	6	6	30	R14P	Baby, C
2020*	1.5	Zinc Carbon	70	62	35	202	2	2020 101 302	40 08496 55654 0	12	12	60	R20P	Mono, D
2020*	1.5	Zinc Carbon	206	61	34	602	6	2020 101 306	40 08496 62627 4	20	-	20	R20P	Mono, D
2022*	9.0	Zinc Carbon	26.5	48.5	17.5	38	1	2022 101 301	40 08496 55663 2	12	12	216	6F22	E-Block
2003**	1.5	Zinc Carbon	80	120	11.5	38	4	2003 101 414	40 08496 67618 7	12	12	24	R03P	Micro, AAA
2006**	1.5	Zinc Carbon	80	120	16	76	4	2006 101 414	40 08496 55626 7	12	12	60	R6P	Mignon, AA
2012**	4.5	Zinc Carbon	80	120	23.5	106	1	2012 101 411	40 08496 55638 0	10	10	100	3R12P	Normal
2014**	1.5	Zinc Carbon	80	120	27	102	2	2014 101 412	40 08496 55630 4	12	12	60	R14P	Baby, C
2020**	1.5	Zinc Carbon	80	120	35	208	2	2020 101 412	40 08496 55634 2	12	12	60	R20P	Mono, D
2022**	9.0	Zinc Carbon	80	120	19	43	1	2022 101 411	40 08496 55642 7	10	10	50	6F22	E-Block

* Foil

** Blister

SPECIAL | BATTERIES FOR SPECIAL NEEDS AND FOR ELECTRIC FENCES

420

430

431

435

439

540

- **Compact, powerful batteries for continuous operation**
- **Focus of use in safety devices, e.g. alarm systems, continuous light bulbs or flashlights**

Type	Voltage (V)	Width (mm)	Height (mm)	Depth (mm)	Weight (g)	Capacity (Ah)	Order No./ consumer unit	EAN/GTIN/ consumer unit	Minimum pieces/ shipment unit	IEC	Electrochemical system
420	6.0	67	112	67	560	8.1	00420 101 111	40 08496 20331 4	16	4R25Y	Zinc-chlorid
430	6.0	67	115	67	570	7.5	00430 101 111	40 08496 17138 5	20	4R25X	Zinc-chlorid
431	6.0	67	115	67	558	8.5	00431 101 111	40 08496 17139 2	20	4R25X	Zinc-chlorid
435	6.0	136	125	73	1293	33	00435 101 111	40 08496 49399 9	6	4LR25-2	Alkaline
439	9.0	66	81	52	360	4.6	00439 101 111	40 08496 20425 0	6	6F100	Zinc-chlorid
540*	6.0	130	120	70	1142	19	00540 101 111	40 08496 16562 9	5	4R25-2	Zinc-chlorid
540**	6.0	130	120	70	1142	19	00540 101 121	40 08496 16509 4	5	4R25-2	Zinc-chlorid

* Plastic housing

** Metal housing

VARTA

RECHARGEABLE BATTERIES AND CHARGER RANGE

The green product line.

LONGLASTING

POWER

PRECISE ENERGY

Better orientation for a simplified purchasing decision at shelf.
With the Energy concept - always the right energy for every device - VARTA offers a better consumer orientation for buying chargers and accus.
The clearly differentiated product lines in the new design make it easy for consumers to find the right rechargeable battery or charger for all devices.
The focus on the "green" category and the clear performance claiming for the most important AA & AAA battery sizes are supporting the right purchasing decision.

LONGLIFE ACCUS | CELLS BLISTER

56703

56706

56703

56736

Ideal for solar ligths

56716

56706

- Ni-MH product range with longlasting energy for all standard devices
- Suitable for all chargers
- Rechargeable without memory effect
- With Ready 2 Use technology: These rechargeable batteries are ready to be used immediately without requiring any charging first. Very low self-discharge

Type	Voltage (V)	Electrochemical system	Typical capacity (mAh)	Height/Deth (mm)	Diameter (mm)	Weigth (g)	IEC	Others
56703*	1.2	Ni-MH	800	44.5	10.5	12	HR 03	AAA, Micro
56716*	1.2	Ni-MH	1600	50.5	14.5	25	HR 6	AA, Mignon
56706*	1.2	Ni-MH	2100	50.5	14.5	29	HR 6	AA, Mignon
56736*	1.2	Ni-MH	800	50.5	14.5	19	HR 6	AA, Mignon

Type	Batteries/ consumer unit	Electrochemical system	Typical capacity (mAh)	Width (mm)	Height (mm)	Depth (mm)	Weight (g)	Order No./ consumer unit	EAN/GTIN/ consumer unit	Minimum pieces/ shipment unit	Innercarton	Mastercarton	IEC	Others
56703*	2	Ni-MH	800	80	120	12	28	56703 101 402	40 08496 55057 9	10	10	50	HR 03	AAA, Micro
56703*	4	Ni-MH	800	80	120	12	52	56703 101 404	40 08496 55061 6	10	10	50	HR 03	AAA, Micro
56703*	6	Ni-MH	800	80	120	12	76	56703 101 436	40 08496 67431 2	10	10	50	HR 03	AAA, Micro
56703*	5+1	Ni-MH	800	80	120	12	76	56703 101 476	40 08496 67547 0	10	10	50	HR 03	AAA, Micro
56703*	3+1	Ni-MH	800	80	120	12	52	56703 101 494	40 08496 63637 2	10	10	50	HR 03	AAA, Micro
56716*	2	Ni-MH	1600	80	120	16	54	56716 101 402	40 08496 63570 2	10	10	100	HR 6	AA, Mignon
56716*	4	Ni-MH	1600	80	120	16	104	56716 101 404	40 08496 63574 0	10	10	100	HR 6	AA, Mignon
56706*	2	Ni-MH	2100	80	120	16	62	56706 101 402	40 08496 55065 4	10	10	100	HR 6	AA, Mignon
56706*	4	Ni-MH	2100	80	120	16	120	56706 101 404	40 08496 55069 2	10	10	100	HR 6	AA, Mignon
56706*	6	Ni-MH	2100	80	120	28	181	56706 101 436	40 08496 67427 5	10	10	50	HR 6	AA, Mignon
56706*	3+1	Ni-MH	2100	80	120	16	120	56706 101 494	40 08496 63641 9	10	10	100	HR 6	AA, Mignon
56706*	4+2	Ni-MH	2100	80	120	25	147	56706 101 496	40 08496 63798 0	10	10	30	HR 6	AA, Mignon
56706*	5+1	Ni-MH	2100	80	120	28	181	56706 101 476	40 08496 67543 2	10	10	50	HR 6	AA, Mignon
56736	2	Ni-MH	800	80	120	16	42	56736 101 402	40 08496 65868 8	10	10	100	HR 6	AA, Mignon

* with Ready 2 Use Technology

POWER ACCUS | CELLS BLISTER

56713* | 56763 | 56726 | 56756 | 56776 | 56714 | 56720 | 56722

READY 2 USE

- Powerful Ni-MH product range in all relevant sizes and capacities for all energy-hungry applications
- Suitable for all chargers
- Rechargeable without memory effect
- With Ready 2 Use technology: These rechargeable batteries are ready to be used immediately without requiring any charging first. Very low self-discharge

Type	Batteries/ consumer unit	Electrochemical system	Typical capacity (mAh)	Width (mm)	Height (mm)	Depth (mm)	Weight (g)	Order No./ consumer unit	EAN/GTIN/ consumer unit	Minimum pieces/ shipment unit	Innercarton	Mastercarton	IEC	Others
56713*	2	Ni-MH	900	80	120	12	30	56713 101 402	40 08496 67841 9	10	10	50	HR 03	AAA, Micro
56713*	4	Ni-MH	900	80	120	12	54	56713 101 404	40 08496 67845 7	10	10	50	HR 03	AAA, Micro
56713*	4+1	Ni-MH	900	80	120	12	68	56713 101 405	40 08496 68090 0	10	10	50	HR 03	AAA, Micro
56763	2	Ni-MH	1000	80	120	12	32	56763 101 402	40 08496 57973 0	10	10	50	HR 03	AAA, Micro
56763	4	Ni-MH	1000	80	120	12	60	56763 101 404	40 08496 57977 8	10	10	50	HR 03	AAA, Micro
56763	3+1	Ni-MH	1000	80	120	12	60	56763 101 494	40 08496 66142 8	10	10	50	HR 03	AAA, Micro
56726*	2	Ni-MH	2300	80	120	16	64	56726 101 402	40 08496 65837 4	10	10	100	HR 6	AA, Mignon
56726*	4	Ni-MH	2300	80	120	16	124	56726 101 404	40 08496 65841 1	10	10	100	HR 6	AA, Mignon
56726*	4+1	Ni-MH	2300	80	120	16	158	56726 101 405	40 08496 68094 8	10	10	50	HR 6	AA, Mignon
56756*	2	Ni-MH	2400	80	120	16	64	56756 101 402	40 08496 57542 8	10	10	100	HR 6	AA, Mignon
56756*	4	Ni-MH	2400	80	120	16	124	56756 101 404	40 08496 57546 6	10	10	100	HR 6	AA, Mignon
56756*	3+1	Ni-MH	2400	80	120	16	124	56756 101 494	40 08496 66146 6	10	10	100	HR 6	AA, Mignon
56776*	2	Ni-MH	2500	80	120	16	64	56776 101 402	40 08496 74601 9	10	10	100	HR 6	AA, Mignon
56776*	4	Ni-MH	2500	80	120	16	124	56776 101 404	40 08496 74605 7	10	10	100	HR 6	AA, Mignon
56714*	2	Ni-MH	3000	80	120	27	138	56714 101 402	40 08496 55073 9	10	10	100	HR 14	C, Baby
56720*	2	Ni-MH	3000	80	120	35	172	56720 101 402	40 08496 55077 7	10	10	50	HR 20	D, Mono
56722*	1	Ni-MH	200	80	120	19	41	56722 101 401	40 08496 55081 4	10	10	50	HR6F 22	E-Block

* with Ready 2 Use Technology

PROFESSIONAL ACCUS | CELLS BLISTER

5703 | 5706 | 5703 | 5703 | 5716 | 5716

READY 2 USE

- Precise energy bundle for endless fun with digital cameras, MP3 players and many others
- The first choice for all digital, high-performance products.

Type	Voltage (V)	Electrochemical system	Typical capacity (mAh)	Width (mm)	Height/Deth (mm)	Depth (mm)	Diameter (mm)	Weigth (g)	IEC	Others
5703	1.2	Ni-MH	1000	–	44.5	–	10.5	14.0	HR 03	AAA, Micro
5716*	1.2	Ni-MH	2500	–	50.5	–	14.5	30.0	HR 6	AA, Mignon

Type	Batteries/ consumer unit	Width (mm)	Height (mm)	Depth (mm)	Weight (g)	Order No./ consumer unit	EAN/GTIN/ consumer unit	Minimum pieces/ shipment unit	Innercarton	Mastercarton
5703	2	80	120	12	32	05703 301 402	40 08496 53862 1	10	10	50
5703	4	80	120	12	60	05703 301 404	40 08496 59437 5	10	10	50
5716*	2	80	120	16	64	05716 101 402	40 08496 74593 7	10	10	100
5716*	4	80	120	16	124	05716 101 404	40 08496 74597 5	10	10	100

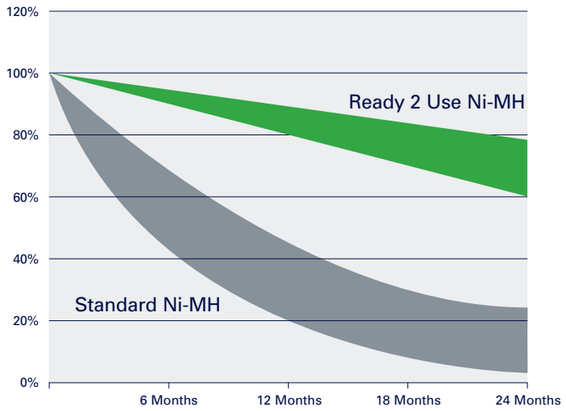
* with Ready 2 Use Technology

READY 2 USE-TECHNOLOGY

Advantages of Ready 2 Use-Accus (rechargeable batteries)

- VARTA R2U-Accus are ready to be used **straight from the pack** without requiring charging first
- VARTA R2U-Accus **have** a very low self-discharge and a **long** shelf life
- It's possible to keep the VARTA R2U-Accus in your device for a long time, without recharging
- It's possible to use the VARTA R2U-Accus for **energy-hungry devices** as well as for **low current devices**
- All VARTA R2U-Accus are rechargeable in **all** chargers

Comparison between self-discharge Ready 2 Use Ni-MH and standard Ni-MH

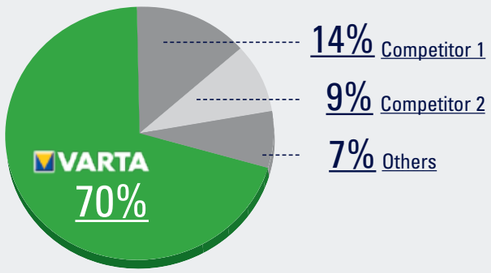


Ready 2 Use: Low self-discharge through improved technique

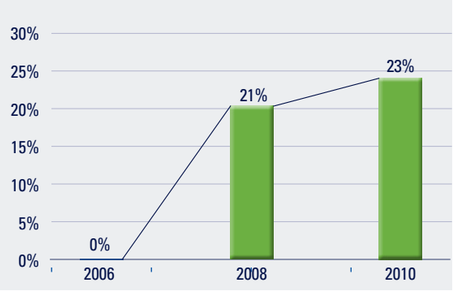
+ modified electron material
+ improved separators
+ reduced ammoniac shuttle process

Much less energy loss than standard Ni-Mh Accus after 24 months

Market share in Germany



Market share value of „R2U-Technology“ in Germany



Value of „R2U-Technology“ on German Ni-MH market

Timer / cut-off:
A timer switches off after a specified time irrespective of charging status.

Voltage gauge method / Minus Delta V method (-dV):
Method which takes advantage of the fact that the cell voltage reduces slightly in a rechargeable battery (-Delta V), as soon as the cell is completely charged.

Global Voltage:
Global voltage for worldwide use.

Individual charging channels:
Enables you to charge different numbers and combinations of cells.

Temperature control:
The temperature of the rechargeable battery is measured whilst it is charging. If this rises above a defined maximum temperature level the charger switches itself off.

Reverse polarity protection, recognition of alkaline or defect cells:
Contains criteria for switching off to prevent charging of primary cells, defect cells or cells with reverse polarity.

Trickle charge:
Prevents the natural self-discharging process of rechargeable cells.

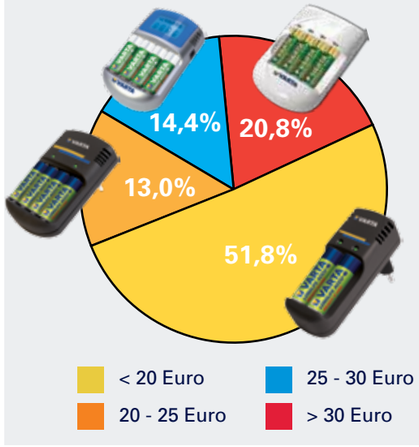
USB-in & USB-out function:
Charge your batteries by using the USB-Port of your Laptop as the power source or charge your devices directly from USB charger.

Eco-design directive - what does EUP mean?

The directive 2005/32/EG, of the European Parliament to create a framework for the agreement of requirements on environmental friendly design of Energy using Products (EUP) are primarily required to have a higher efficiency on main supplies and a lower energy consumption in stand-by-modus.

The design and the construction of a product is very important to minimise the environmental impact and the aim of the EuP-directive is to improve the environmental compatibility of Energy using Products due to general and specified Eco-design requirements.

Price segments VARTA chargers



Energy segments VARTA chargers

THE NEW EU DIRECTIVE ABOUT CAPACITY CLAIMING OF RECHARGEABLE BATTERIES

The EU directive concerning the capacity claiming of rechargeable batteries (according to article 21 (2) of the battery directive 2006/66/EG & regulation (EU) 1103/2010) came into force **November 29th 2010** and has to be transposed by all battery manufacturers after a transition period of 18 months – at the latest on **May 29th 2012**.

In this new **EU directive** detailed rules about determining and claiming of capacity were established. It will guarantee in future, that capacity claiming for rechargeable batteries will be established on the same basis irrespective of manufacturers. While in the past the nominal capacity was claimed, latest from **May 29th 2012** the minimum capacity will be the only measurement which legally can be labelled on any rechargeable battery sold within the European Union.

VARTA is in the implementation phase of the regulation and will of course deliver – as a provider of quality products – all rechargeable batteries, which comply to the new **EU regulation**.

MAJOR MILESTONES OF THE EU DIRECTIVE

November 29th 2010
EU directive (according to article 21 (2) of the battery directive 2006/66/EG & regulation (EU) 1103/2010) came into force – with a transition period of 18 months.

May 29th 2012
End of transition period – last supply of rechargeable batteries with the nominal capacity claiming.

May 30th 2012
Manufacturer can only deliver rechargeable batteries according to the new EU directive with the minimum capacity claiming.

KEY FACTS

Nominal capacity claiming:
Was the leading standard for rechargeable batteries claiming from all manufactures.

Minimum Capacity claiming:
Is the new standard for all rechargeable batteries claiming for all manufactures.

As always **VARTA** remain your reliable supplier and we consider it our responsibility to make sure you are kept aware of changes to regulations whilst ensuring you receive our continued **highest quality products** and care.

EASY LINE CHARGERS

Easy Line –
Mini Charger
with different garnishing
57666

Easy Line –
Pocket Charger
with different garnishing
57662

- **Easy Line is the perfect price entry range**
- **This line is for ease of use with high functionality at best price**
- **Easy Line - Mini Charger: The most favorable of the VARTA chargers incl. Ready2Use rechargeable batteries; ideal for MP3 players**
- **Easy Line - Pocket Charger: For two or four cells in a handy design**

Type	Voltage (V)	Plug	Equipped with	Width (mm)	Height (mm)	Depth (mm)	Weight (g)	Order No./ consumer unit	EAN / GTIN (40 08496)	Consumer unit	Minimum pieces/ shipment unit	Mastercarton	Charging time	Shutdown function	Trickle charging	Pairwise charging is necessary	Chargeable sizes	Technologies	Power supply (internal – external)
Mini Charger	230	EURO	without cells	80	195	78	160	57666 101 401	... 67366 7	1	4	4	15 h	–	–	Yes	2 AA, AAA	Ni-MH	Internal
Mini Charger (incl. 2 x AA 1600 mAh)*	230	EURO	2 x AA 1600 mAh 56716*	80	195	78	210	57666 101 421	... 67369 8	1	4	4	15 h	–	–	Yes	2 AA, AAA	Ni-MH	Internal
Mini Charger (incl. 2 x AA 2100 mAh)*	230	EURO	2 x AA 2100 mAh 56706*	80	195	78	218	57666 101 451	... 67372 8	1	4	4	15 h	–	–	Yes	2 AA, AAA	Ni-MH	Internal
Mini Charger (incl. 2 x AAA 800 mAh)*	230	EURO	2 x AAA 800 mAh 56703*	80	195	78	184	57666 201 421	... 67378 0	1	4	4	15 h	–	–	Yes	2 AA, AAA	Ni-MH	Internal
Mini Charger (incl. 2 x AA 2400 mAh)*	230	EURO	2 x AA 2400 mAh 56756*	80	195	78	220	57666 101 461	... 67375 9	1	4	4	15 h	–	–	Yes	2 AA, AAA	Ni-MH	Internal
Pocket Charger	230	EURO	without cells	80	195	85	223	57662 101 401	... 67334 6	1	4	4	7 h	Timer	–	Yes	2/4 AA, AAA	Ni-MH	Internal
Pocket Charger (incl. 4 x AA 1600 mAh)*	230	EURO	4 x AA 1600 mAh 56716*	80	195	85	323	57662 101 441	... 67348 3	1	4	4	7 h	Timer	–	Yes	2/4 AA, AAA	Ni-MH	Internal
Pocket Charger (incl. 4 x AA 2100 mAh)*	230	EURO	4 x AA 2100 mAh 56706*	80	195	85	339	57662 101 451	... 67351 3	1	4	4	7 h	Timer	–	Yes	2/4 AA, AAA	Ni-MH	Internal
Pocket Charger (incl. 2 x AAA 800 mAh)*	230	EURO	2 x AAA 800 mAh 56703*	80	195	85	247	57662 201 421	... 67360 5	1	4	4	7 h	Timer	–	Yes	2/4 AA, AAA	Ni-MH	Internal
Pocket Charger (incl. 2 x AA 2100 mAh + 2 x AAA 800 mAh)*	230	EURO	2 x AA/AAA 2100 mAh/800 mAh 56706 56703*	80	195	85	305	57662 301 421	... 67363 6	1	4	4	7 h	Timer	–	Yes	2/4 AA, AAA	Ni-MH	Internal
Pocket Charger (incl. 2 x AA 2500 mAh)*	230	EURO	2 x AA 2500 mAh 56776*	80	195	85	283	57662 101 421	... 67345 2	1	4	4	7 h	Timer	–	Yes	2/4 AA, AAA	Ni-MH	Internal
Pocket Charger (incl. 4 x AA 2500 mAh)*	230	EURO	4 x AA 2500 mAh 56776*	80	195	85	343	57662 101 471	... 67354 4	1	4	4	7 h	Timer	–	Yes	2/4 AA, AAA	Ni-MH	Internal
Pocket Charger (incl. 4 x AA 2400 mAh)*	230	EURO	4 x AA 2400 mAh 56756*	80	195	85	343	57662 101 481	... 67357 5	1	4	4	7 h	Timer	–	Yes	2/4 AA, AAA	Ni-MH	Internal
Pocket Charger (incl. 4 x AA 2100 mAh + 2 x AAA 800 mAh)*	230	EURO	4 x AA + 2 x AAA 2100 mAh/800 mAh 56756* 56703*	80	195	85	363	57662 301 431	... 67890 7	1	4	4	7 h	Timer	–	Yes	2/4 AA, AAA	Ni-MH	Internal

* with Ready 2 Use Technology

EASY LINE CHARGERS

Easy Line – Micro USB Charger
incl. 4 x AA 2100 mAh
57650

Easy Line – Plug Charger
with different garnishing
57667

Easy Line – Universal Charger
without cells
57668

- **Easy Line - Micro USB Charger: With Micro USB input according new international standard**
- **Easy Line - Plug Charger: The convenient and reliable plug charger for 2-4 rechargeable batteries**
- **Easy Line - Universal Charger: The compact multi-charger for all sizes with an energy efficient power supply**

Type	Voltage (V)	Plug	Equipped with	Width (mm)	Height (mm)	Depth (mm)	Weight (g)	Order No./ consumer unit	EAN / GTIN (40 08496)	Consumer unit	Min. pieces/shipment unit	Mastercarton	Charging time	Shutdown function	Trickle charging	Pairwise charging is necessary	Chargeable sizes	Technologies	Power supply (internal – external)
Easy Line – Micro USB Charger (incl. 4 x AA 2100 mAh)*	5V	Micro USB	4 x AA 2100 mAh 56706*	100	195	38	226	57650 101 451	... 68061 0	1	4	4	10h	–	–	Yes	2/4 AA, AAA	Ni-MH	USB in
Easy Line – Plug Charger (incl. 4 x AA 2100 mAh)*	100-240	EURO	4 x AA 2100 mAh 56706*	100	195	73	257	57667 101 451	... 67381 0	1	4	4	5h	Timer	–	Yes	2/4 AA, AAA	Ni-MH	Internal
Easy Line – Plug Charger (incl. 4 x AA 2400 mAh)*	100-240	EURO	4 x AA 2400 mAh 56756*	100	195	73	261	57667 101 461	... 67384 1	1	4	4	5h	Timer	–	Yes	2/4 AA, AAA	Ni-MH	Internal
Easy Line – Plug Charger (incl. 3+1 x AA 2100 mAh)*	100-240	EURO	3+1 x AA 2100 mAh 56706*	100	195	73	257	57667 112 481	... 67387 2	1	4	4	5h	Timer	–	Yes	2/4 AA, AAA	Ni-MH	Internal
Easy Line – Universal Charger (without cells)	100-240	EURO	without cells	180	240	87	403	57668 101 401	... 67390 2	1	2	2	5h	Timer	Yes	Yes	2/4 AA, AAA, C, D, 1/2 9V	Ni-MH	External

* with Ready 2 Use Technology

The small packaging of the Easy Line chargers will allow a better usage of shelf space at the POS.

POWER CHARGERS

Power – LCD Plug Charger
incl. 4 x AA 2100 mAh
57670*

Power – LCD Charger
with different garnishing
57070

EASY LINE
POWER LINE
PROFESSIONAL LINE

POWER CHARGERS

Power – Traveller
incl. 2 x AA 2100 mAh
57069*

Power –
15 minute Ultra Fast Charger
incl. 4 x AA 2400 mAh
+ 12V Adapter
57075

Power – Solar Charger
incl. 2 x AA 2100 mAh
+ 6 Adapter for 6 devices
57082*

EASY LINE
POWER LINE
PROFESSIONAL LINE

- **The right charger for the growing market of digital devices**
- **A customised product range for consumers who value power, mobility and speed**
- **Power – LCD Charger: Automatic rechargeable battery charge level measurement and high-quality blue LCD display**
- **Power - LCD Plug Charger: Plug charger with high quality blue LCD display**

- **Power – Traveller Charger: Can be used worldwide and is space-saving thanks to the fold away plug**
- **Power – 15minute Ultra Fast Charger: Charges common Ni-MH rechargeable batteries in 15 minutes**
- **Power – Solar Charger: Mobile energy for mobile phones etc. - independent for any socket and environmentally friendly**

Type	Voltage (V)	Plug	Equipped with	Width (mm)	Height (mm)	Depth (mm)	Weight (g)	Order No./ consumer unit	EAN / GTIN (40 08496)	Consumer unit	Min. pieces/shipment unit	Mastercarton	Charging time	Shutdown function	Trickle charging	Chargeable sizes	Technologies	Single slot charging	Power supply (internal – external)
Power – LCD Plug Charger (incl. 4 x AA 2100 mAh)*	100-240	EURO	4x AA 56706* 2100 mAh	100	195	73	270	57670 101 451	... 68058 0	1	4	4	4h	Timer, Minus Delta V	–	2-4 AA / AAA	Ni-MH	–	Internal
Power – LCD Charger (incl. 4 x AA 2400 mAh + 12V Adapter + USB cable)*	100-240	EURO	4 x AA 56756* 2400 mAh + 12V Adapter + USB cable	120	230	93	363	57070 201 441	... 64032 4	1	2	2	2h	Timer, Minus Delta V, Control of temperature	Yes	2-4 AA / AAA	Ni-MH	–	External
Power – LCD Charger (incl. 4 x AA 2500 mAh + 12V Adapter + USB cable)*	100-240	EURO	4 x AA 56776* 2500 mAh + 12V Adapter + USB cable	120	230	93	379	57070 201 451	... 64132 1	1	2	2	2h	Timer, Minus Delta V, Control of temperature	Yes	2-4 AA / AAA	Ni-MH	–	External
Power – LCD Charger (incl. 4 x AA 2300 mAh + 12V Adapter + USB cable)*	100-240	EURO	4 x AA 56726* 2300 mAh + 12V Adapter + USB cable	120	230	93	363	57070 201 461	... 67487 9	1	2	2	2h	Timer, Minus Delta V, Control of temperature	Yes	2-4 AA / AAA	Ni-MH	–	External

* with Ready 2 Use Technology

Type	Voltage (V)	Plug	Equipped with	Width (mm)	Height (mm)	Depth (mm)	Weight (g)	Order No./ consumer unit	EAN / GTIN (40 08496)	Consumer unit	Min. pieces/shipment unit	Mastercarton	Charging time	Shutdown function	Trickle charging	Chargeable sizes	Technologies	Single slot charging	Power supply (internal – external)
Power – Traveller (incl. 2 x AA 2100 mAh)*	100-240	EURO	2 x AA 2100 mAh 56706*	100	230	58	181	57069 101 421	... 64035 5	1	4	4	6h	Timer, Minus Delta V	Yes	1-2 AAA / AA	Ni-MH	Yes	Internal
Power – 15 minute Ultra Fast Charger (incl. 4 x AA 2400 mAh + 12V Adapter)*	100-240	EURO	4 x AA 56756 2500 mAh + 12V Adapter	180	265	110	766	57075 201 441	... 59448 1	1	2	2	15 min.	Timer, Minus Delta V, Control of temperature	Yes	1-4 AAA / AA	Ni-MH	Yes	External
Power – Solar Charger (incl. 2 x AA 2100 mAh + Adapter)*	5V	USB & 6 Adapters	2 x AA 2100 mAh 56706*	120	230	73	263	57082 101 421	... 65895 4	1	2	2	AA~15h Mobile~ 2h	–	–	2 AA	Ni-MH	No	USB-In & Out

* with Ready 2 Use Technology

GENERAL PURPOSE
RECHARGEABLE
PROFESSIONAL
BUTTON CELLS
FLASHLIGHTS
DISPLAY SYSTEMS

PRODUCT FEATURES | CHARGERS

	MINI	POCKET	MICRO USB	PLUG	UNIVERSAL	LCD-PLUG	LCD	TRAVELLER	15 MIN. ULTRA FAST	SOLAR	PROFESSIONAL USB	V-MAN HOME	V-MAN	V-MAN PLUG	V-MAN ZERO
VARTA Type	57666	57662	57650	57667	57668	57670	57070	57069	57075	57082	57048	57900	57058	57057	57915
Plug Charger	•	•		•	•	•		•						•	
Charging time accus	15h	7h	5-20h	5h	5h	4h	2h	6h	15 min.	~ 15h	1.5h	10-15h	1-3h		
Charging time devices										~ 2h		1-2h	1-2h	1-2h	2-3h
LED (indication of charging status)	•	•	•	•	•	Display	Display	•	•	•	•	•	•	•	•
Battery size	AA, AAA	AA, AAA	AA, AAA	AA, AAA	AA, AAA, C, D, 9V	AA, AAA	AA, AAA	AA, AAA	AA, AAA	AA	AA, AAA	AA, AAA			
Charging channels	2	4	4	4	4	4	4	2	4	2	4	2	1		
Timer cut-off		Timer		Timer	Timer	Timer & -dV & control of temperature	Timer & -dV & control of temperature	Timer & -dV	Timer & -dV & control of temperature		Timer & -dV & control of temperature	Timer			
Charging	Pairwise	Pairwise	Pairwise	Pairwise	Pairwise	Pairwise	Pairwise	Single slot	Single slot	Pairwise	Single slot	Single slot			
Trickle charging							•	•	•		•				
Voltage	EU (230V)	EU (230V)	USB (5V)	Global (100-240V)	Global (100-240V)	Global (100-240V)	Global (100-240V)	Global (100-240V)	Global (100-240V)	USB (5V)	Global (100-240V)	Global (100-240V)	USB (5V)	Global (100-240V)	USB (5V)
Bad cell / Alkaline / Wrong polarity detection						•	•	•	•		•				
USB - In & Out			USB-In				USB - In			USB - In & Out	USB - In & Out	USB Out	USB - In & Out	USB Out	USB - In & Out
Accessories			(5V) USB				(5V) USB & 12V Adapter		12V Adapter	(5V) USB & Adapter set	(5V) USB-cable	8 Adapter & Storage for Adapters	(5V) USB & Adapter set	(5V) USB & Adapter set	(5V) USB & Adapter set
Details	P. 22	P. 22	P. 23	P. 23	P. 23	P. 24	P. 24	P. 25	P. 25	P. 21	P. 25	P. 31	P. 30	P. 30	P. 30
	EASY LINE					POWER LINE					PROFESSIONAL LINE				

VARTA

VARTA PROFESSIONAL

A **Premium Assortment** with amazing depth and breadth.

In this **premium range, VARTA** brings together all powerful energy solutions that are used in digital and mobile high-tech applications. Only solutions that are suited to meet highest quality and performance demands in the areas of modern life are included in the **VARTA Professional range.**

Starting from our competence in the photo/video area, successively paramount energy solutions in the areas of digital telephony, medical applications and digital office communications, as well as for demanding personal needs were developed and brought together to a premium range with amazing breadth and depth. No matter whether consumers are looking for an energy source for their valuable clock, their dictation device or their digital camera: **VARTA Professional is the answer.** The sleek and innovative design effectively underlines the **premium character** and the high quality. The ideal answer for our retail partners when it comes to earning power and range differentiation: a wide **premium segment** that was perfectly developed in design and variety for today's most demanding consumers.

PROFESSIONAL CHARGERS

PLUS X AWARD®
Innovation
Ease of Use

1,5h

100-240V

USB IN / OUT

USB Charger
incl. 4 x AA 5716 2500 mAh
+ USB cable
5716

READY 2 USE

The new dimension of charging!

Besides the functions of a traditional charger the VARTA Digital USB Charger offers more. Different than other USB Chargers the VARTA Digital USB Charger can also be used as an emergency power source.

USB-In & USB-Out function:

POSSIBILITY 1:
Charge your batteries in the VARTA Digital USB Charger by using the USB-Port of your Laptop as the power source.

POSSIBILITY 2:
Plug VARTA Digital USB Charger into power outlet and charge your device (MP3-Player, Smartphone, Digital Camera etc.) directly via USB.

POSSIBILITY 3:
Use batteries as a power source to charge your devices (MP3-Player, Smartphone, Digital Camera etc.) directly from the VARTA Digital USB Charger.

Type	Voltage (V)	Plug	Equipped with	Width (mm)	Height (mm)	Depth (mm)	Weight (g)	Order No.	EAN / GTIN (40 08496 ...)	Consumer unit	Min. pieces/shipment unit	Mastercarton	Charging time	Shutdown function	Trickle charging	Technologies	Chargeable sizes	Power supply
Professional - USB Charger (incl. 4 x AA 2500mAh + USB Adapter)*	100-240V	EURO	4 x AA 5716* 2500 mAh	120	230	85	374	57048 201 441	...67318 6	1	2	2	1.5h	Minus Delta V, Timer, Temperature control	Yes	Ni-MH	1-4 AA / 1-4 AAA	External

* with Ready 2 Use Technology

PROFESSIONAL V-MAN

PLUS X AWARD® achieved for: Ease of Use

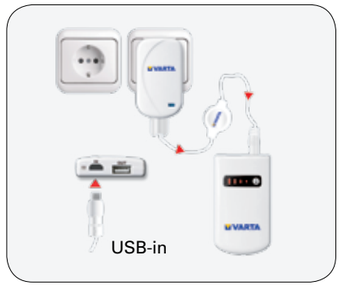
V-MAN Power Pack

Professional V-MAN Power Pack
(incl. Plug 57057 + set of adapter 57058)
57058

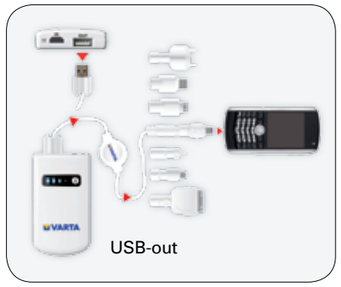
Professional V-MAN Zero
(incl. Adapter set)
57915

Professional V-MAN Plug Set
(incl. Adapter set)
57057

- **The perfect mobile solution: Charge your mobile phone, GPS (Sat Nav) or MP3-Player anywhere anytime**
- **Powerful: With a charged V-MAN Power Pack you can recharge your mobile phone (cell) twice or your MP3-Player up to 10 times**
- **Reliable: The check button activates the power indicator which indicates the battery status**
- **Fast: Due to Li-Ion technology the charge time for each device is only 1-2 hours**
- **Flexible: With both USB-In & USB-Out functionality and a wide range of adapters this product provides power for nearly 100% of products on the market**
- **V-MAN Plug Set: Universal USB-Adapter, garnished with the three most important adapters**



Connect the Professional V-MAN Plug with the wall socket or alternatively connect the V-MAN directly into the USB outlet of a PC or Laptop computer to charge it.



Connect the USB-extension-cord with the USB-Out port of the V-MAN and use the right adapter for charging your mobile device. As soon as the device is connected the charging process begins.

Some devices like MP3-Players need a special adapter to simulate a data communication on the USB port. This is included in the V-MAN package.

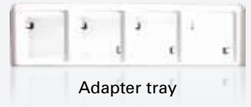
Type	Voltage (V)	Connector	Equipped with	Width (mm)	Height (mm)	Depth (mm)	Weight (g)	Order No./ consumer unit	EAN / GTIN (40 08496 ...)	Quantity for customer	Smallest shipping unit	Mastercarton	Charging time (V-Man)	Charging time (external devices)	Cut off criteria	Trickle charge	Technology	Chargeable devices	Power supply
Professional V-MAN Power Pack 57058	100 - 240V	EURO plus 8 Adapter	USB cable	150	230	65	389	57058 101 111	...66192 3	1	2	2	3-5h	1-2h	–	–	Li-Ion	mobile devices	External
Professional V-MAN Plug Set 57057	100 - 240V	EURO plus 3 Adapter	USB cable	100	230	68	125	57057 201 401	...68055 9	1	4	4	–	1-2h	–	–	100-240V AC SMPS	mobile devices	5V / 1A
Professional V-MAN Zero 57915	5V	3 Adapter	USB cable	100	230	33	111	57915 101 401	...67962 1	1	4	4	3-5h	1-2h	–	–	Li-Ion	mobile devices	External

PROFESSIONAL V-MAN HOME STATION

Professional V-MAN Home Station
57900

PLUS X AWARD® achieved for: Ease of Use

V-MAN Home Station



Adapter tray

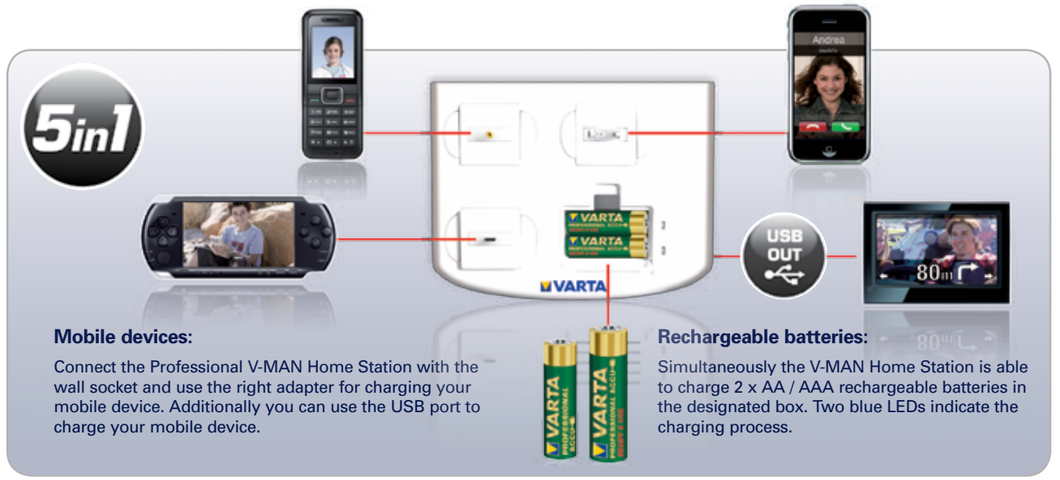
8 Adapters

This unique universal home charging station is able to charge up to 4 mobile devices plus 2 x AA / AAA rechargeable batteries simultaneously.

- **90° freely rotatable adapters**
- **Equipped with an additional USB output**
- **Compatible with main mobile devices in the market**
- **Removable tray for adapters which are not in use**
- **Energy saving through on/off switch**
- **Worldwide use possible (100-240V)**

Adapters are compatible with:

Samsung, Sony Ericsson, Nokia, LG, Micro USB, Mini USB, Sony PSP, Apple



Mobile devices:

Connect the Professional V-MAN Home Station with the wall socket and use the right adapter for charging your mobile device. Additionally you can use the USB port to charge your mobile device.

Rechargeable batteries:

Simultaneously the V-MAN Home Station is able to charge 2 x AA / AAA rechargeable batteries in the designated box. Two blue LEDs indicate the charging process.

Type	Voltage (V)	Plug	Width (mm)	Height (mm)	Depth (mm)	Weight (g)	Order No./ consumer unit	EAN / GTIN (40 08496 ...)	Quantity for customer	Smallest shipping unit	Mastercarton	Charging time (rechargeable batteries)	Charging time (external devices)	Cut off criteria	Trickle charge	Technology	Chargeable Devices/sizes	Power supply
Professional V-MAN Home Station Charger 57900 101 111	110 - 240V	EURO plus 8 Adapter	190	255	105	856	57900 101 111	...67505 0	1	2	2	10-15h	1-2h	Timer	–	Ni-MH Li-Ion	Mobile devices 2AA / 2AAA	External

PROFESSIONAL PHONE POWER | CELLS BLISTER

T 398
Micro

T 399
Mignon

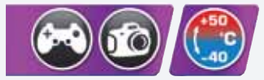
T 398
Micro

T 399
Mignon

Type	Voltage (V)	Electrochemical system	Typical capacity (mAh)		Height (mm)	Depth (mm)	Diameter (mm)	Weight (g)	IEC	Others
T 398	1.2	Ni-MH	700	–	44.5	–	10.5	12.0	HR 03	Micro, AAA
T 399	1.2	Ni-MH	1600	–	50.5	–	14.5	25.0	HR 6	Mignon, AA

Type	Batteries/Consumer unit	Typical capacity (mAh)	Width (mm)	Height (mm)	Depth (mm)	Weight (g)	Order No./ consumer unit	EAN / GTIN	Minimum pieces/shipment unit	Innercarton	Mastercarton
T 398	2	700	80	120	12	28	58398 101 402	40 08496 33086 7	10	10	50
T 399	2	1600	80	120	16	54	58399 201 402	40 08496 33090 4	10	10	100

PROFESSIONAL LITHIUM | CELLS BLISTER



6103

6106

6103

6103

6106

6106

Type	Voltage (V)	Electrochemical System	Typical capacity (mAh)	Width (mm)	Height (mm)	Depth (mm)	Diameter (mm)	Weight (g)	IEC	Others
6103	1.5	Lithium	1100	–	44.5	–	10.5	7.7	–	Micro, AAA
6106	1.5	Lithium	2900	–	50.5	–	14.5	14.5	–	Mignon, AA

Type	Batteries/ Consumer unit	Width (mm)	Height (mm)	Depth (mm)	Weight (g)	Order No./ Consumer unit	EAN / GTIN	Minimum pieces/ shipment	Innercarton	Mastercarton
6103	2	80	120	12	20	06103 301 402	40 08496 68039 9	10	10	50
6103	4	80	120	12	35	06103 301 404	40 08496 68043 6	10	10	50
6106	2	80	120	16	33	06106 301 402	40 08496 68047 4	10	10	100
6106	4	80	120	16	62	06106 301 404	40 08496 68051 1	10	10	100

- Premium quality for analog and digital cordless telephones
- Rechargeable without memory effect

- The perfect choice for high-end products like digital cameras, navigation system and much more
- Lasts up to eight times longer in digital cameras than usual Alkaline
- Perfect solution for high drain devices such as digital cameras, portable audio players and handheld games
- Up to 38% reduced weight in comparison to Alkaline
- Works outstandingly at extreme temperatures
- Can be stored up to 10 years without leakage

PROFESSIONAL LITHIUM | CELL BLISTER

6122

6122

- The first choice for smoke detectors
- The VARTA 9V lithium battery contains no mercury, lead or cadmium
- Last up to 5 times longer than usual 9V alkaline and 10 times longer than carbon-zinc batteries
- Works outstandingly at extreme temperatures from -20°C up to +60°C
- Can be stored up to 10 years without leakage

Type	Voltage (V)	Electrochemical System	Typical capacity (mAh)	Width (mm)	Height (mm)	Depth (mm)	Diameter (mm)	Weight (g)	Others
06122	9V	Lithium	1200	26.5	49.2	17.5	–	36.4	E-Block

Typ	Batteries/ Consumer unit	Width (mm)	Height (mm)	Depth (mm)	Weight (g)	Order No./ Consumer unit	EAN / GTIN	Minimum pieces/ shipment	Innercarton	Mastercarton
06122	1	80	120	19	41	06122 301 401	40 08496 67526 5	10	10	50

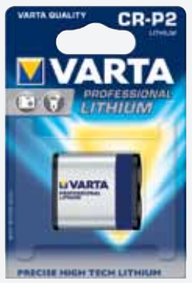
Due to increasing demand for fire prevention, there will be a need for extremely long performing batteries in the future.

The main reasons why VARTA Professional 9V Lithium will be the best choice for your smoke alarm: Outstanding quality, 10 years shelf life and up to 40% better performance than comparable batteries from competitors.

* based on average of the 3 tests defined in IEC 60086-2 Edition 2006-12 for Alkaline batteries

PROFESSIONAL LITHIUM | BLISTER

2 CR 5



CR P2

CR 123 A

CR 2

CR V3

- Precise energy for analog and digital cameras: VARTA Professional Lithium Batteries
- Precise energy, perfectly aligned to the different functions of the photo devices
- Higher performance for more photos, more flashes, more mobility and therefore more independence

Type	Voltage (V)	Electrochemical system	Typical capacity (mAh)	Width (mm)	Height (mm)	Depth (mm)	Diameter (mm)	Weight (g)	IEC
2 CR 5	6.0	Lithium	1600	17.0	45.0	34.0	–	42.0	2 CR 5
CR P2	6.0	Lithium	1600	19.5	34.5	35.0	–	38.0	CR P2
CR 123 A	3.0	Lithium	1600	–	34.5	–	17.0	17.0	CR 17345
CR 2	3.0	Lithium	920	–	27.0	–	15.6	11.0	CR 15 H270
CR V3	3.0	Lithium	3300	14.5	52.0	29.0	–	38.0	CR 17355

Type	Batteries/ consumer unit	Width (mm)	Height (mm)	Depth (mm)	Weight (g)	Order No./ consumer unit	EAN / GTIN	Minimum pieces/ship-ment unit	Innercarton	Mastercarton
2 CR 5	1	80	120	18	48	06203 301 401	40 08496 53720 4	10	10	100
CR P2	1	80	120	20	44	06204 301 401	40 08496 53724 2	10	10	100
CR 123 A	1	80	120	18	23	06205 301 401	40 08496 53728 0	10	10	100
CR 123 A	2	80	120	18	40	06205 301 402	40 08496 53732 7	10	10	100
CR 2	1	80	120	18	17	06206 301 401	40 08496 53736 5	10	10	100
CR 2	2	80	120	18	28	06206 301 402	40 08496 53740 2	10	10	100
CR V3	1	80	120	16	44	06207 301 401	40 08496 53744 0	10	10	100

PROFESSIONAL ELECTRONICS

- The complete range, consisting of lithium, silver and Alkaline-manganese cells
- Useable in numerous electronic devices, such as car keys, calculators, cameras and remote controls
- Handy and space-saving packages (6.5cm x 5.6cm)

Type	Voltage (V)	Electrochemical system	Typical capacity (mAh)	Height (mm)	Diameter (mm)	Weight (g)	Batteries/ consumer unit	Order-No./ Consumer unit	EAN / GTIN	Minimum pieces/ shipment unit	Mastercarton	IEC
CR 1216	3.0	Lithium	25	1.6	12.5	0.7	1	06216 101 401	40 08496 27070 5	10	100	CR 1216
CR 1220	3.0	Lithium	35	2.0	12.5	0.8	1	06220 101 401	40 08496 27689 9	10	100	CR 1220
CR 1225	3.0	Lithium	48	2.5	12.5	0.9	1	06225 101 401	40 08496 74704 7	10	100	CR 1225
CR 1616	3.0	Lithium	55	1.6	16.0	1.2	1	06616 101 401	40 08496 27098 9	10	100	CR 1616
CR 1620	3.0	Lithium	70	2.0	16.0	1.2	1	06620 101 401	40 08496 27693 6	10	100	CR 1620
CR 1632	3.0	Lithium	140	3.2	16.0	1.8	1	06632 101 401	40 08496 57623 4	10	100	CR 1632
CR 2016	3.0	Lithium	90	1.6	20.0	1.8	1	06016 101 401	40 08496 27663 9	10	100	CR 2016
CR 2025	3.0	Lithium	170	2.5	20.0	2.5	1	06025 101 401	40 08496 27687 5	10	100	CR 2025
CR 2032	3.0	Lithium	230	3.2	20.0	3.0	1	06032 101 401	40 08496 27688 2	10	100	CR 2032
CR 2320	3.0	Lithium	135	2.0	23.0	2.9	1	06320 101 401	40 08496 27083 5	10	100	CR 2320
CR 2430	3.0	Lithium	280	3.0	24.5	4.0	1	06430 101 401	40 08496 27692 9	10	100	CR 2430
CR 2450	3.0	Lithium	560	5.0	24.5	6.2	1	06450 101 401	40 08496 27097 2	10	100	CR 2450
CR 2 NP*	3.0	Lithium	1400	60	11.6	13.0	1	06202 101 401	40 08496 26293 9	10	100	–
CR 1/3 N	3.0	Lithium	170	10.8	11.6	3.0	1	06131 101 401	40 08496 27414 7	10	100	–
V 28 PXL	6.0	Lithium	170	25.1	13.0	8.8	1	06231 101 401	40 08496 27415 4	10	100	2 CR 11108
V 8 GS/391	1.55	Silver	40	2.1	11.6	0.9	1	04173 101 401	40 08496 27360 7	10	100	SR 55
V 10 GA	1.5	Alkaline	50	3.05	11.6	1.1	1	04274 101 401	40 08496 29763 4	10	100	LR 54
V 10 GS/389	1.55	Silver	85	3.05	11.6	1.3	1	04174 101 401	40 08496 27361 4	10	100	SR 54
V 11A	6.0	Alkaline	38	16.5	10.2	4.0	1	04211 101 401	40 08496 15286 5	10	100	–
V 12 GA	1.5	Alkaline	80	4.2	11.6	1.35	1	04278 101 401	40 08496 27367 6	10	100	LR 43
V 12 GS/386	1.55	Silver	105	4.2	11.6	1.78	1	04178 101 401	40 08496 27363 8	10	100	SR 43
V 13 GA	1.5	Alkaline	125	5.4	11.6	1.8	1	04276 101 401	40 08496 29764 1	10	100	LR 44
V 13 GS/357	1.55	Silver	155	5.4	11.6	2.33	1	04176 101 401	40 08496 27362 1	10	100	SR 44
V 23 GA	12.0	Alkaline	52	28.5	10.3	7.7	1	04223 101 401	40 08496 26162 8	10	100	–
V 27 A	12.0	Alkaline	20	28.2	8.0	4.4	1	04227 101 401	40 08496 74700 9	10	100	–
V 28 PX	6.2	Silver	145	25.2	13.0	11.1	1	04028 101 401	40 08496 27391 1	10	100	4 SR 44
V 74 PX	15.0	Alkaline	45	35.0	16.0	14.0	1	04074 101 401	40 08496 27359 1	10	100	–
V 76 PX	1.55	Silver	145	5.4	11.6	2.4	1	04075 101 401	40 08496 27406 2	10	100	SR 44
V 362	1.55	Silver	21	2.1	7.9	0.4	1	00362 101 401	40 08496 31701 1	10	100	SR 58
V 364	1.55	Silver	20	2.15	6.8	0.33	1	00364 101 401	40 08496 31705 9	10	100	SR 60
V 371	1.55	Silver	44	2.1	9.5	0.61	1	00371 101 401	40 08496 31709 7	10	100	SR 69
V 377	1.55	Silver	27	2.6	6.8	0.39	1	00377 101 401	40 08496 31713 4	10	100	SR 66
V 379	1.55	Silver	14	2.15	5.8	0.23	1	00379 101 401	40 08496 31717 2	10	100	SR 63
V 390	1.55	Silver	80	3.05	11.6	1.32	1	00390 101 401	40 08496 31721 9	10	100	SR 54
V 392	1.55	Silver	38	3.6	7.9	0.69	1	00392 101 401	40 08496 31725 7	10	100	SR 41
V 395	1.55	Silver	42	2.7	9.5	0.75	1	00395 101 401	40 08496 31729 5	10	100	SR 57
V 625 U	1.5	Alkaline	200	6.2	16	3.3	1	04626 101 401	40 08496 27368 3	10	100	LR 9
V 4034	6.0	Alkaline	100	25.2	13.0	10.4	1	04034 101 401	40 08496 27405 5	10	100	4 LR 44
4001	1.5	Alkaline	880	30.2	12	10	1	04001 101 401	40 08496 12813 6	10	100	LR 1

NEW from June

NEW from June

NEW from June

*Standardblister

- The most important button cells know available in the practical 2 pack
- Also perfect for mass retail
- More value for money: Twice the amount in each package
- Larger package frightens shoplifters
- New package size and design fit perfect into the battery shelf layout
- Meet the requirements of one stop shoppers

Type	Voltage (V)	Electrochemical system	Typical capacity (mAh)	Height (mm)	Diameter (mm)	Weight (g)	Batteries/ consumer unit	Order-No./ Consumer unit	EAN / GTIN	Minimum pieces/ shipment unit	Mastercarton	IEC
4001	1.5	Alkaline	880	30.2	12	10	2	04001 101 402	40 08496 12813 6	10	100	LR 1
V 23 GA	12.0	Alkaline	52	28.5	10.3	7.7	2	04223 101 402	40 08496 26162 8	10	100	–
V 13 GA	1.5	Alkaline	125	5.4	11.6	1.8	2	04276 101 402	40 08496 29764 1	10	100	LR 44
CR 2032	3.0	Lithium	230	3.2	20.0	3.0	2	06032 101 402	40 08496 27688 2	10	100	CR 2032
CR 2025	3.0	Lithium	170	2.5	20.0	2.5	2	06025 101 402	40 08496 27687 5	10	100	CR 2025
CR 2016	3.0	Lithium	90	1.6	20.0	1.8	2	06016 101 402	40 08496 27663 9	10	100	CR 2016
CR 2430	3.0	Lithium	280	3.0	24.5	4.0	2	06430 101 402	40 08496 27692 9	10	100	CR 2430
CR 2450	3.0	Lithium	560	5.0	24.5	6.2	2	06450 101 402	40 08496 27097 2	10	100	CR 2450

VARTA

BUTTON CELLS

An excellent **quality** assortment.

VARTA convinces in this special segment with an excellent quality assortment.

The most widely distributed range in the world* **Rayovac Acoustic Special** dominates with an excellent market position. The **patented technology** , the high endurance performance and consumer friendly packaging results in high acceptance among consumers and professionals.

New: mercury - free and corrosion resistant shell for more performance and improved conductivity.

Essential for all who work with watch: the complete **VARTA watch cells range.** A patented technology with high endurance performance and wide distribution on the market

* Source: independant market research institute

WATCH CELLS

V 377

V 377

- **Covers the complete range of button cells for all kinds of watches**
- **Products distinguished by high quality and reliability**
- **Packed in the proven j-pack; optimised for the battery replacement in workshops**

Type	Voltage (V)	Electrochemical system	Typical capacity (mAh)	Height (mm)	Diameter (mm)	Weight (g)	Order No. Consumer unit	EAN/GTIN Consumer unit	Minimum pieces/ shipment unit	Innercarton	Mastercarton	IEC
V 301	1.55	Silver	115	4.2	11.6	1.78	00301 101 111	40 08496 24536 9	10	100	1000	SR 43
V 303	1.55	Silver	160	5.4	11.6	2.33	00303 101 111	40 08496 24542 0	10	100	1000	SR 44
V 309	1.55	Silver	70	5.4	7.9	1.08	00309 101 111	40 08496 24545 1	10	100	1000	SR 48
V 315	1.55	Silver	20	1.5	7.9	0.4	00315 101 111	40 08496 24555 0	10	100	1000	SR 67
V 317	1.55	Silver	8	1.6	5.8	0.18	00317 101 111	40 08496 24561 1	10	100	1000	SR 62
V 319	1.55	Silver	16	2.66	5.8	0.25	00319 101 111	40 08496 24562 8	10	100	1000	SR 64
V 321	1.55	Silver	13	1.65	6.8	0.25	00321 101 111	40 08496 24585 7	10	100	1000	SR 65
V 329	1.55	Silver	36	3.1	7.9	0.6	00329 101 111	40 08496 24586 4	10	100	1000	–
V 335	1.55	Silver	5	1.25	5.8	0.15	00335 101 111	40 08496 10146 7	10	100	1000	–
V 337	1.55	Silver	8.3	1.65	4.8	0.13	00337 101 111	40 08496 36211 0	10	100	1000	–
V 339	1.55	Silver	11	1.4	6.8	0.22	00339 101 111	40 08496 24587 1	10	100	1000	–
V 341	1.55	Silver	11	1.4	7.9	0.27	00341 101 111	40 08496 24588 8	10	100	1000	–
V 344	1.55	Silver	100	3.6	11.6	1.50	00344 101 111	40 08496 24590 1	10	100	1000	SR 42
V 346	1.55	Silver	10	1.29	7.9	0.3	00346 101 111	40 08496 10148 1	10	100	1000	–
V 350*	1.55	Silver	100	3.6	11.6	1.50	00350 101 111	40 08496 24569 7	10	100	1000	SR 42
V 357*	1.55	Silver	145	5.4	11.6	2.33	00357 101 111	40 08496 24571 0	10	100	1000	SR 44
V 361*	1.55	Silver	18	2.1	7.9	0.4	00361 101 111	40 08496 26169 7	10	100	1000	SR 58
V 362	1.55	Silver	21	2.1	7.9	0.4	00362 101 111	40 08496 24572 7	10	100	1000	SR 58
V 364	1.55	Silver	20	2.15	6.8	0.33	00364 101 111	40 08496 24573 4	10	100	1000	SR 60
V 370*	1.55	Silver	30	2.1	9.5	0.6	00370 101 111	40 08496 26171 0	10	100	1000	SR 69
V 371	1.55	Silver	44	2.1	9.5	0.61	00371 101 111	40 08496 24591 8	10	100	1000	SR 69
V 373	1.55	Silver	23	1.6	9.5	0.5	00373 101 111	40 08496 24592 5	10	100	1000	SR 68
V 377	1.55	Silver	27	2.6	6.8	0.39	00377 101 111	40 08496 24593 2	10	100	1000	SR 66
V 379	1.55	Silver	14	2.15	5.8	0.23	00379 101 111	40 08496 24594 9	10	100	1000	SR 63
V 381	1.55	Silver	45	2.1	11.6	0.9	00381 101 111	40 08496 24595 6	10	100	1000	SR 55
V 384	1.55	Silver	38	3.6	7.9	0.69	00384 101 111	40 08496 24564 2	10	100	1000	SR 41
V 386*	1.55	Silver	115	4.2	11.6	1.78	00386 101 111	40 08496 24565 9	10	100	1000	SR 43
V 389*	1.55	Silver	85	3.05	11.6	1.31	00389 101 111	40 08496 24567 3	10	100	1000	SR 54
V 390	1.55	Silver	80	3.05	11.6	1.32	00390 101 111	40 08496 24568 0	10	100	1000	SR 54
V 391*	1.55	Silver	40	2.1	11.6	0.9	00391 101 111	40 08496 24578 9	10	100	1000	SR 55
V 392*	1.55	Silver	38	3.6	7.9	0.69	00392 101 111	40 08496 24579 6	10	100	1000	SR 41
V 393*	1.55	Silver	65	5.4	7.9	1.08	00393 101 111	40 08496 24581 9	10	100	1000	SR 48
V 394	1.55	Silver	67	3.6	9.5	1.04	00394 101 111	40 08496 24582 6	10	100	1000	SR 45
V 395	1.55	Silver	42	2.7	9.5	0.75	00395 101 111	40 08496 24583 3	10	100	1000	SR 57
V 396*	1.55	Silver	25	2.6	7.9	0.55	00396 101 111	40 08496 24574 1	10	100	1000	SR 59
V 397	1.55	Silver	30	2.6	7.9	0.5	00397 101 111	40 08496 24576 5	10	100	1000	SR 59
V 399*	1.55	Silver	42	2.7	9.5	0.75	00399 101 111	40 08496 24577 2	10	100	1000	SR 57

* HighDrain

WATCH CELLS REFERENCE LIST

V 377

V 377

VARTA BUTTON CELLS						Other References								
Type	Order No.	Voltage (V)	Electrochemical system	Diameter (mm)	Height (mm)	Bulova	Citizen	Duracell	GP Sylva Cell	Panasonic, Maxell, Sony, Toshiba	Rayovac, Renata, Energizer/Ucar	Seiko	Timex	IEC
V 74 PX	04074 101 401	15.0	Alkaline	16.0	35.0	–	–	MN 154	220 A	–	504	–	–	–
V 301	00301 101 111	1.55	Silver	11.6	4.2	226	280-01	D 301	301	SR 43 SW	301	SB-AB	D	SR 43
V 303	00303 101 111	1.55	Silver	11.6	5.4	–	280-08	–	303	SR 44 SW	303	SB-AB	A	SR 44
V 309	00309 101 111	1.55	Silver	7.9	5.4	–	–	–	–	SR 754 SW	309	–	–	SR 48
V 315	00315 101 111	1.55	Silver	7.9	1.6	614	280-56	–	315	SR 716 SW	315	SB-AT	HA	SR 67
V 317	00317 101 111	1.55	Silver	5.8	1.65	616	280-58	–	317	SR 516 SW	317	SB-AT	CA	SR 62
V 319	00319 101 111	1.55	Silver	5.8	2.7	615	280-60	–	319	SR 527 SW	319	SB-AE/DE	–	SR 64
V 321	00321 101 111	1.55	Silver	6.8	1.65	611	280-73	D 321	321	SR 616 SW	321	SB-AE/DF	DA	SR 65
V 329	00329 101 111	1.55	Silver	7.9	3.1	–	–	D 329	329	SR 731 SW	329	–	–	–
V 335	00335 101 111	1.55	Silver	5.8	1.25	622	280-68	–	–	SR 512 SW	335	SB-AB	–	–
V 337	00337 101 111	1.55	Silver	4.8	1.6	–	–	–	–	SR 416 SW	337	–	–	–
V 339	00339 101 111	1.55	Silver	6.8	1.4	–	–	–	–	SR 614 SW	339	–	–	–
V 341	00341 101 111	1.55	Silver	7.9	1.4	627	–	–	–	SR 714 SW	341	–	–	–
V 344	00344 101 111	1.55	Silver	11.6	3.6	242	–	–	–	SR 1136 SW	344	–	–	SR 42
V 346	00346 101 111	1.55	Silver	7.9	1.29	628	280-66	–	–	SR 712 SW	346	SB-DH	–	–
V 350*	00350 101 111	1.55	Silver	11.6	3.6	604	280-19	D 350	–	–	350	–	–	SR 42
V 357*	00357 101 111	1.55	Silver	11.6	5.4	228	280-62	D 357 H	357	SR 44 W	357	SB-B9	J	SR 44
V 361*	00361 101 111	1.55	Silver	7.9	2.1	–	280-23	–	–	SR 721 W	361	SB-BK/EK	X	SR 58
V 362	00362 101 111	1.55	Silver	7.9	2.1	601	280-29	D 362	362	SR 721 SW	362	SB-DK/AK	S	SR 58
V 364	00364 101 111	1.55	Silver	6.8	2.15	602	280-34	D 364	364	SR 621 SW	364	SB-AG/DG	T	SR 60
V 370	00370 101 111	1.55	Silver	9.5	2.1	620	280-51	–	370	SR 920 W	370	SB-BN	Z	SR 69
V 371	00371 101 111	1.55	Silver	9.5	2.1	605	280-31	D 371	371	SR 920 SW	371	SB-AN	–	SR 69
V 373	00373 101 111	1.55	Silver	9.5	1.6	617	280-45	D 373	373	SR 916 SW	373	SB-AJ/DJ	WA	SR 68
V 377	00377 101 111	1.55	Silver	6.8	2.6	606	280-39	D 377	377	SR 626 SW	377	SB-AW	BA	SR 66
V 379	00379 101 111	1.55	Silver	5.8	2.15	618	280-59	D 379	379	SR 521 SW	379	SB-AC/DC	JA	SR 63
V 381	00381 101 111	1.55	Silver	11.6	2.1	317	280-27	D 381	381	SR 1110 SW	381	SB-DS/AS	–	SR 55
V 384	00384 101 111	1.55	Silver	7.9	3.6	247	280-18	D 384	384	SR 41 SW	384	SB-A1/D1	–	SR 41
V 386*	00386 101 111	1.55	Silver	11.6	4.2	260	280-41	D 386	386	SR 43 W	386	SB-BB	H	SR 43
V 389*	00389 101 111	1.55	Silver	11.6	3.05	626	280-15	D 389	389	SR 1130 W	389	SB-BU	M	SR 54
V 390	00390 101 111	1.55	Silver	11.6	3.05	603	280-24	D 390	390	SR 1130 SW	390	SB-AU	–	SR 54
V 391*	00391 101 111	1.55	Silver	11.6	2.1	609	280-30	D391	391	SR 1120 SW	391	SB-BS/ES	L	SR 55
V 392*	00392 101 111	1.55	Silver	7.9	3.6	247	280-13	D392	392	SR 41 W	392	SB-B1	K	SR 41
V 393*	00393 101 111	1.55	Silver	7.9	5.4	255	–	D 393	393	SR 754 SW	393	SB-B3	F	SR 48
V 394	00394 101 111	1.55	Silver	9.5	3.6	625	280-17	D 394	394	SR 936 SW	394	SB-A4	–	SR 45
V 395	00395 101 111	1.55	Silver	9.5	2.7	610	280-48	D 395	395	SR 927 SW	395	SB-AP/DP	LA	SR 57
V 396*	00396 101 111	1.55	Silver	7.9	2.6	612	280-52	D 396	396	SR 726 W	396	SB-BL	V	SR 59
V 397	00397 101 111	1.55	Silver	7.9	2.6	607	280-28	D 397	397	SR 726 SW	397	SB-AL	N	SR 59
V 399	00399 101 111	1.55	Silver	9.5	2.7	613	280-	D 399	399	SR 927 W	399	SB-BP/EP	W	SR 57

* HighDrain

ELECTRONICS REFERENCE LIST

CR 2016

CR 2025

CR 2032

VARTA Piles Électroniques						Autres références						
Type	Référence	Tension (V)	Technologie	Diamètre (mm)	Hauteur (mm)	Energizer	Duracell	GP Sylva Cell	Kodak	Panasonic	Renata	Désignation
CR 1216	06216 101 401	3.0	Lithium	12.5	1.6	CR 1216	–	–	–	CR 1216	CR 1216	CR 1216
CR 1220	06220 101 401	3.0	Lithium	12.5	2.0	CR 1220	DL 1220	CR 1220	–	CR 1220	CR 1220	CR 1220
CR 1225	06225 101 401	3.0	Lithium	12.5	2.5	–	–	–	–	–	–	CR 1225
CR 1616	06616 101 401	3.0	Lithium	16.0	1.6	CR 1616	DL 1616	CR 1616	–	CR 1616	CR 1616	CR 1616
CR 1620	06620 101 401	3.0	Lithium	16.0	2.0	CR 1620	DL 1620	–	–	CR 1620	CR 1620	CR 1620
CR 1632	06632 101 401	3.0	Lithium	16.0	3.2	CR 1632	DL 1632	–	–	CR 1632	CR 1632	CR 1632
CR 2016	06016 101 401	3.0	Lithium	20.0	1.6	CR 2016	DL 2016	CR 2016	KCR 2016	CR 2016	CR 2016	CR 2016
CR 2025	06025 101 401	3.0	Lithium	20.0	2.5	CR 2025	DL 2025	CR 2025	KCR 2025	CR 2025	CR 2025	CR 2025
CR 2032	06032 101 401	3.0	Lithium	20.0	3.2	CR 2032	DL 2032	CR 2032	KCR 2032	CR 2032	CR 2032	CR 2032
CR 2320	06320 101 401	3.0	Lithium	23.0	2.0	CR 2320	DL 2320	–	–	CR 2320	CR 2320	CR 2320
CR 2430	06430 101 401	3.0	Lithium	24.5	3.0	CR 2430	DL 2430	CR 2430	–	–	CR 2430	CR 2430
CR 2450	06450 101 401	3.0	Lithium	24.5	5.0	CR 2450	DL 2450	–	–	–	CR 2450	CR 2450
CR 2 NP	06202 101 401	3.0	Lithium	11.6	60.0	–	–	–	–	–	–	–
CR 1/3 N	06131 101 401	3.0	Lithium	11.6	10.8	2 L 76	DL 1/3 N	–	K 58 L	–	–	–
V 28 PXL	06231 101 401	6.0	Lithium	13.0	25.1	L 544	PX 28	–	K 28 L	–	–	–
V 8 GS/391	04173 101 401	1.55	Silber	11.6	2.1	191	SR 55	191	–	SR 1120 W	–	SR 55
V 10 GA	04274 101 401	1.5	Alkaline	11,6	3.05	189	LR 54	189	–	LR 1130 P	–	LR 54
V 10 GS/389	04174 101 401	1.55	Silber	11.6	3.05	389	D 389	389	–	SR 1130 P	389	SR 54
V 11 A	04211 101 401	6.0	Alkaline	10.2	16.5	–	MN 11	11 A	–	–	–	–
V 12 GA	04278 101 401	1.5	Alkaline	11.6	4.2	186	LR 43	186	–	LR 43 P	LR 43	LR 43
V 12 GS/389	04178 101 401	1.55	Silber	11.6	4.2	386	D 386	386	–	SR 43 P	386	SR 43
V 13 GA	04276 101 401	1.5	Alkaline	11.6	5.4	157/A 76	PX 76 A	A 76	KA 76	LR 44 P	LR 44	LR 44
V 13 GS/357	04176 101 401	1.55	Silber	11.6	5.4	357	D 357	357	–	SR 44 P	357	SR 44
V 23 GA	04223 101 401	12.0	Alkaline	10.3	28.5	A 23	MN 21	A 23	K 23 A	–	–	–
V 27 A	04227 101 401	12.0	Alkaline	8.0	28.2	–	MN 27	27 A	–	–	–	–
V 28 PX	04028 101 401	6.2	Silber	13.0	25.2	544	PX 28	476	KS 28	4 SR 44 P	–	4 SR 44
V 74 PX	04074 101 401	15.0	Alkaline	16.0	35.0	504	MN 154	220 A	–	–	–	–
V 76 PX	04075 101 401	1.55	Silber	11.6	5.4	EPX 76	D 357 H	–	KS 76	SR 44 P	–	SR 44
V 362	00362 101 401	1.55	Silber	7.9	2.1	362	D 362	362	–	SR 721 SW	362	SR 58
V 364	00364 101 401	1.55	Silber	6.8	2.15	364	D 364	D 364	–	SR 621 SW	364	SR 60
V 371	00371 101 401	1.55	Silber	9.5	2.1	371	D 371	371	–	SR 920 SW	371	SR 69
V 377	00377 101 401	1.55	Silber	6.8	2.6	377	D 377	377	–	SR 626 SW	377	SR 66
V 379	00379 101 401	1.55	Silber	5.8	2,15	379	D 379	379	–	SR 521 SW	379	SR 63
V 390	00390 101 401	1.55	Silber	11.6	3.05	390	D 390	390	–	SR 1130 SW	390	SR 54
V 392	00392 101 401	1.55	Silber	7.9	3.6	392	D 392	392	–	SR 41 W	392	SR 41
V 395	00395 101 401	1.55	Silber	9.5	2.7	395	D 395	395	–	SR 927 SW	395	SR 57
V 625 U	04626 101 401	1.5	Alkaline	16	6.2	EPX 625 G	PX 625 A	625 A	KA 625	–	–	LR 9
V 4034	04034 101 401	6.0	Alkaline	13.0	25.2	A 544	PX 28 A	476 A	K 28 A	4 LR 44 P	–	4 LR 44
4001	04001 101 401	1.5	Alkaline	12.0	30.2	E 90	MN 9100	910 A	KN	–	–	LR 1

HEARING AID BATTERIES

10 | 13 | 312 | 675

5 in 1 Hearing Aid Cleaner

- **New: Mercury free and corrosion resistant housing for more power and better conduction**
- **Easy open - packaging**
- **Patented technology from the worldwide number one producer of hearing aid batteries**

Type	Voltage (V)	Electrochemical system	Height (mm)	Diameter (mm)	Weight (g)	Batteries/ consumer unit	Order No.	EAN / GTIN	Consumer unit	Minimum pieces/ shipment unit	Masterkarton	IEC
10	1.4	Zinc-Air	3.5	5.8	0.30	8	04610 745 418	50 00252 00380 9	1	10	100	PR 70
13	1.4	Zinc-Air	5.35	7.8	0.80	8	04606 745 418	50 00252 00378 6	1	10	100	PR 48
312	1.4	Zinc-Air	3.45	7.8	0.50	8	04607 745 418	50 00252 00379 3	1	10	100	PR 41
675	1.4	Zinc-Air	5.35	11.6	1.80	8	04600 745 418	50 00252 00377 9	1	10	100	PR 44
10	1.4	Zinc-Air	3.5	5.8	0.30	6	04610 945 416	50 00252 00321 2	1	10	100	PR 70
13	1.4	Zinc-Air	5.35	7.8	0.80	6	04606 945 416	50 00252 00319 9	1	10	100	PR 48
312	1.4	Zinc-Air	3.45	7.8	0.50	6	04607 945 416	50 00252 00320 5	1	10	100	PR 41
675	1.4	Zinc-Air	5.35	11.6	1.80	6	04600 945 416	50 00252 00318 2	1	10	100	PR 44

Attention: The necessary operating voltage will be reached one minute after removing the lamination

Type	Width (mm)	Height (mm)	Depth (mm)	Weight (g)	Batteries/ consumer unit	Order No.	EAN / GTIN	Consumer unit	Minimum pieces/ shipment unit	Mastercarton
Rayovac 5 in 1 Hearing Aid Cleaner	115	203	54	26	1	00895 945 401	40 08496 61500 1	1	4	24

- **Convenient, fast, effective maintenance**
- **Ergonomic, easy to use design incorporate 5 tools in one comfortable, easy to hold handle**
- **Pocket sized device works with all hearing aids**
- **Comprises five tools including a wax removal brush, wax removal pick, tube and vent cleaner, battery door opener and battery replacement magnet**

BATTERY TESTER 891 LCD DIGITAL

LCD Digital Battery Tester 891

- **Practical and user - friendly battery tester**
- **Checks all important batteries, rechargeables and button cells**
- **Results are readable on LCD display**

Type	Equipped with	Width (mm)	Height (mm)	Depth (mm)	Weight (g)	Order No./ consumer unit	EAN / GTIN (40 08496)	Consumer unit	Min- pieces/shipment unit	Masterkarton
LCD Digital Battery Tester	–	80	195	25	68	00891 101 401	... 68064 1	1	8	8

VARTA

FLASHLIGHTS AND BULBS

5mm LED or bulb

Multi 5mm or high performance LED

High performance LED

Consequent orientation to consumer needs and retail requirements is a VARTA tradition.

With our Flashlight Relaunch 2011 we have opened a new successful chapter – the radical simplification of the flashlight purchasing.

As consumers are looking for orientation the VARTA flashlight strategy includes five success factors.

1) Structuring the range into three segments to simplify the category:
   Easy Line, Power Line and Professional Line
2) Clear-cut information structure with comparable and differentiating icons
3) Focusing on high sellers with quality (features) / price as main buying criteria to make the purchase decision easier
4) Eye-catching, innovative V-shape design: Blister packaging that impressively conveys the quality brand VARTA
5) Focusing on sustainability via FSC certified cardboard material and through reduction of PET

VARTA makes mobile lighting understandable, for everyone. Order the simplification of the flashlight market. Order the new VARTA flashlights.

VARTA SPOT LIGHT 2AA | VARTA MINI DAY LIGHT LED 1AAA | VARTA INDUSTRIAL LED LIGHT 2D

Spot Light 2AA
16600

Mini Day Light LED 1AAA
16601

Industrial LED Light 2D
16604

VARTA Spot Light 2AA:

- **Handy general purpose light made of durable ABS plastic**
- **With roll stop and hanging ring**

44m* 0.25 lux | **2h** | **14 lumens** | **Krypton**

VARTA LED Industrial Light 2D:

- **Water repellent high performance flashlight**
- **Resistant to fluids such as oil, petrol and diesel oil**
- **Focusable light beam in 3 levels**
- **Non-slip rubber grip and hanging ring**

52m* 0.25 lux | **160h** | **25 lumens** | **0.5 WATT L.E.D.**

VARTA Mini Day Light LED 1AAA:

- **White 5mm LED for a better light output**
- **Shock resistant ABS plastic housing**
- **Incl. key ring**

18m* 0.25 lux | **3.5h** | **9 lumens** | **5mm L.E.D.**

Type	Flashlights	Width (mm) Blister	Height (mm) Blister	Depth (mm) Blister	Weight (g) Blister	Length (mm) Torch	Diameter (mm) Torch	Weight (g) Torch	Batteries	Order No./ Consumer unit	EAN/GTIN Consumer unit	Minimum pieces/ shipment unit	Housing	Bulb equipment
Spot Light 2AA	1	100	230	39	68	153	37	42	–	16600 101 401	40 08496 67732 0	6	ABS plastic	2.40 V; 0.70 A Krypton (Order-Nr. 00751 000 402)
Mini Day LED Light 1AAA	1	100	230	33	73	94.5	32	39	incl. 1x LR03 High Energy	16601 101 421	40 08496 67798 6	6	Platic, Metal, Rubber	1x 5mm LED
Industrial LED Light 2D	1	150	330	72	247	204	68	193	-	16604 101 401	40 08496 67786 3	4	Plastic, Rubber	0.5 Watt Plug-in LED

*ANSI FL1 Standard

VARTA LED DAY LIGHT 2AA | VARTA LED PEN LIGHT 1AAA | VARTA LED LIPSTICK LIGHT 1AAA

EASY LINE
POWER LINE
PROFESSIONAL LINE

LED Day Light 2AA
16610

LED Pen Light 1AAA
16611

NEW

(3)
(3)

LED Lipstick Light 1AAA
16617

VARTA LED Day Light 2AA:

- 3x 5mm LEDs for a better light output
- Rugged three-component flashlight made of aluminium, ABS plastic and rubber
- Impact resistant housing for increased outdoor reliability
- Practical lanyard

42m* 0.25 lux | 65h | 25 lumens | 3x5mm L.E.D.

VARTA LED Lipstick Light 1AAA:

- Elegant and handy LED flashlight with an aluminium body and a riffled rubber grip
- 0.5 Watt high performance LED for high light output
- Lanyard and glow-in-dark sleeve and button cover offers optimum comfort during use
- Available in two fashionable colours

25m* 0,25 lux | 3h | 19 lumens | 0.5 WATT L.E.D.

VARTA LED Pen Light 1AAA:

- Aluminium housing
- Long battery lifetime due to white 5mm LED
- Practical fastening clip

11m* 0.25 lux | 15h | 3 lumens | 5mm L.E.D.

Type	Flashlights	Width (mm) Blister	Height (mm) Blister	Depth (mm) Blister	Weight (g) Blister	Length (mm) Torch	Diameter (mm) Torch	Weight (g) Torch	Batteries	Order No./ Consumer unit	EAN/GTIN Consumer unit	Minimum pieces/ shipment unit	Housing	Bulb equipment
LED Day Light 2AA	1	100	230	46	165	162	44	91.5	incl. 2x LR6 High Energy	16610 101 421	40 08496 67768 9	6	Aluminium, Rubber, ABS plastic	3x 5mm LED
LED Pen Light 1AAA	1	100	230	16	50	117	14	16	incl. 1x LR03 High Energy	16611 101 421	40 08496 67804 4	6	Aluminium	1x 5mm LED
LED Lipstick Light 1AAA	1	100	230	21	78	95	21	31	incl. 1x LR6 High Energy	16617 101 421	40 08496 74650 7	6	Aluminium, Rubber	0.5 Watt LED

*ANSI FL1 Standard

VARTA TRILOGY LED LIGHT 3AAA | VARTA GELLY LED LIGHT 2AA | VARTA PROFI LIGHT 2C

EASY LINE
POWER LINE
PROFESSIONAL LINE

(3)
(3)

Trilogy LED Light 3AAA
16615

(2)
(2)
(2)

Gelly LED Light 2AA
16616

(3)
(3)

Profi Light 2C
16623

VARTA Trilogy LED Light 3AAA:

- Elegant LED flashlight made of durable plastic
- Ergonomic grip for optimal usage comfort
- Special magnifying lens technology for optimum light beam
- In master carton available with 3x silver/red and 3x silver/blue

52m* 0.25 lux | 70h | 11 lumens | 5mm L.E.D.

VARTA Profi Light 2C:

- Anticorrosion and galvanised metal housing
- Spot-to-flood focusable beam
- Practical hanging ring
- In master carton available with 3x red and 3x blue metallic

36m* 0.25 lux | 5h | 12 lumens | Krypton

VARTA Gelly LED Light 2AA:

- Elegant flashlight with highly innovative gel filled handle
- Adjusts perfectly to individual hand shape
- Master carton available with 2x blue, 2x red, 2x silver

50m* 0.25 lux | 50h | 5 lumens | 5mm L.E.D.

Type	Flashlights	Width (mm) Blister	Height (mm) Blister	Depth (mm) Blister	Weight (g) Blister	Length (mm) Torch	Diameter (mm) Torch	Weight (g) Torch	Batteries	Order No./ Consumer unit	EAN/GTIN Consumer unit	Minimum pieces/ shipment unit	Housing	Bulb equipment
Trilogy LED Light 3AAA	1	100	230	50	137	165	48	78	incl. 3x LR03 High Energy	16615 101 421	40 08496 67670 5	6	Plastic	1x 5mm LED
Gelly LED Light 2AA	1	100	230	48	157	172	45	83	incl. 2x LR6 High Energy	16616 101 421	40 08496 67738 2	6	Plastic gel filled handle	1x 5mm LED
Profi Light 2C	1	135	280	56	120	172	54	78	-	16623 101 401	40 08496 67741 2	6	Metal, Plastic	2.40 V; 0.70 A Krypton (Order No. 00751 000 402)

*ANSI FL1 Standard

VARTA POCKET LIGHT 3R12 | VARTA PALM LIGHT 3R12 | VARTA LED SILVER LIGHT 3AAA

EASY LINE
POWER LINE
PROFESSIONAL LINE

Pocket Light 3R12
16640

Palm Light 3R12
16645

LED Silver Light 3AAA
16647

VARTA Pocket Light 3R12:

- Plastic flat light
- Additional red light filter (ideal for night vision)
- Practical hanging clip

34m* 0.25 lux | 3h | 18 lumens | Bulb

VARTA Palm Light 3R12:

- Stylish multi-purpose metal flat light
- Practical hanging clip

75m* 0.25 lux | 3.5h | 15 lumens | Bulb

VARTA LED Silver Light 3AAA:

- Compact and handy LED flat light
- Stylish design combined with up-to-date LED technology
- 3x 5mm LEDs with 3 separate magnifying lenses provide an amazingly long light beam for more light output
- Robust silver ABS plastic housing with all purpose black rubber
- Practical hanging clip

41m* 0.25 lux | 12h | 28 lumens | 3x 5mm L.E.D.

Type	Flashlights	Width (mm) Blister	Height (mm) Blister	Depth (mm) Blister	Weight (g) Blister	Length (mm) Torch	Width (mm) Torch	Depth (mm) Torch	Weight (g) Torch	Batteries	Order No./ Consumer unit	EAN / GTIN	Minimum pieces/ shipment unit	Housing	Bulb equipment
Pocket Light 3R12	1	100	230	43	115	124	67	40	89	-	16640 101 401	40 08496 67750 4	6	Plastic	3.70 V; 0.30 A Normal (Order No. 00720 000 402)
Palm Light 3R12	1	100	230	42	108	110	69	37	85	-	16645 101 401	40 08496 67753 5	6	Metal	3.70 V; 0.30 A Normal (Order No. 00720 000 402)
Palm Light 3R12	1	100	230	42	217	110	69	37	85	incl. 1x 3R12 Superlife	16645 101 421	40 08496 67756 6	6	Metal	3.70 V; 0.30 A Normal (Order No. 00720 000 402)
LED Silver Light 3AAA	1	100	230	30	109	98	53	29	53	incl. 3x LR03 High Energy	16647 101 421	40 08496 67759 7	6	Plastic, Rubber	3x 5mm LED

*ANSI FL1 Standard

VARTA XS CAMPING LANTERN LED 4AA | VARTA LED DAY LIGHT 2D | VARTA SWIVEL LIGHT LED 2AA

EASY LINE
POWER LINE
PROFESSIONAL LINE

XS Camping Lantern LED 4AA
16664

LED Day Light 2D
17611

Swivel Light LED 2AA
17622

VARTA XS Camping Lantern LED 4AA:

- Extremely handy and space saving Camping Lantern
- 8x 5mm LEDs for a better areal light output
- Highly efficient use of energy
- Two light modes (100% and energy saving mode)
- The metal handle can also be used to hang up the lantern
- Including a metal carabiner

(360°) 3.20m* 0.25 lux | UP TO 15h | UP TO 24 lumens | 8x 5mm L.E.D.

VARTA LED Day Light 2D:

- 7x 5mm LEDs for a better light output
- Rugged three-component flashlights made of aluminium, ABS plastic and rubber
- Impact resistant housing for increased outdoor reliability
- Practical lanyard

63m* 0.25 lux | 140h | 58 lumens | 7x 5mm L.E.D.

VARTA Swivel Light LED 2AA:

- Water repellent high performance flashlight
- Resistant to fluids such as oil, petrol and diesel oil
- Focusable light beam in 3 levels
- Swivel head, non-slip rubber grip and hanging ring

40m* 0.25 lux | 35h | 23 lumens | 0.5 WATT L.E.D.

Type	Flashlights	Width (mm) Blister	Height (mm) Blister	Depth (mm) Blister	Weight (g) Blister	Length (mm) Torch	Diameter (mm) Torch	Weight (g) Torch	Batteries	Order No./ Consumer unit	EAN / GTIN	Minimum pieces/ shipment unit	Housing	Bulb equipment
XS Camping Lantern 4AA	1	74	216	60	182	180	74	175	-	16664 101 111	40 08496 67697 2	4	Plastic	8x 5mm LED
LED Day Light 2D	1	150	330	65	517	196	62	187.5	incl. 2x LR20 High Energy	17611 101 421	40 08496 67771 9	4	Metal, Rubber, Plastic	7x 5mm LED
Swivel Light LED 2AA	1	135	280	55	236	204	52	146	incl. 2x LR6 High Energy	17622 101 421	40 08496 67789 4	6	Plastic, Rubber	0.5 Watt Plug-in LED

*ANSI FL1 Standard

VARTA 0.5 WATT LED LIGHT 4AA | VARTA PREMIUM LED LIGHT 3AAA | VARTA 1 WATT LED OUTDOOR PRO 3AAA |

0.5 Watt LED Light 4AA
17625

Premium LED Light 3AAA
17634

1 Watt LED Outdoor Pro 3AAA
17628

EASY LINE

POWER LINE

PROFESSIONAL LINE

VARTA 0.5 Watt LED Light 4AA:

- White 0.5 watt high performance LED with low energy consumption
- Water repellent casing made of ABS plastic and rubber
- Practical snaplink for fixation

68m* 0.25 lux | 52h | 20 lumens | 0.5 WATT L.E.D.

VARTA Premium LED Light 3AAA:

- High-end flashlight with water resistant aluminium housing in an exclusive design
- 0.5 Watt high performance LED for low energy consumption and high brightness
- Long runtime of minimum 13 hours of illumination

36m* 0.25 lux | 13h | 30 lumens | 0.5 WATT L.E.D.

VARTA 1 Watt LED Outdoor Pro 3AAA:

- Premium Outdoor flashlight with 1 watt high performance LED
- Rubber non-slip handle and lanyard for a comfortable and secure grip
- Water resistant anodized aluminium body provides extreme durability
- Amazingly long run time - up to 20 hrs in energy saving mode
- The right light for every situation, 2 light modes: 100% and energy saving
- Shock proof 3m
- Switch on base for comfortable usage

50m* 0.25 lux | UP TO 20h | UP TO 80 lumens | 1 WATT L.E.D.

Type	Flashlights	Width (mm) Blister	Height (mm) Blister	Depth (mm) Blister	Weight (g) Blister	Length (mm) Torch	Diameter (mm) Torch	Weight (g) Torch	Batteries	Order No./ Consumer unit	EAN / GTIN	Minimum pieces/ shipment unit	Housing	Bulb equipment
0.5 Watt LED Light 4AA	1	150	330	60	333	238	61.5	183	incl. 4x LR6 High Energy	17625 101 421	40 08496 67673 6	4	Plastic, Rubber	0.5 Watt LED
Premium LED Light 3AAA	1	100	230	36	146	114	32	87	incl. 3x LR03 High Energy	17634 101 421	40 08496 67744 3	4	Aluminium	0.5 Watt LED
1W LED Outdoor Pro 3AAA	1	100	230	38	161	115	35	102	incl. 3x LR03 High Energy	17628 101 421	40 08496 67682 8	4	Aluminium, Rubber	1 Watt LED

*ANSI FL1 Standard

VARTA LED x4 HEAD LIGHT 3AAA | VARTA INDESTRUCTIBLE LED x5 HEAD LIGHT 3AAA | VARTA INDESTRUCTIBLE 1 WATT LED HEAD LIGHT 3AAA

LED x4 Head Light 3AAA
17631

Indestructible LED x5 Head Light 3AAA
17730

Indestructible 1 Watt LED Head Light 3AAA
17731

EASY LINE

POWER LINE

PROFESSIONAL LINE

VARTA LED x4 Head Light 3AAA:

- Lightweight LED head light in leisure design
- Equipped with 4 high quality LEDs:
  - 3x white LEDs for optimum brightness
  - 1x red LED for night vision
- Water resistant housing made of durable ABS plastic and rubber
- Tiltable head for optimum illumination
- 3 level switching function (white LEDs, red LED, Off)

18m* 0.25 lux | UP TO 38h | UP TO 22 lumens | 3x 5mm + 1x red L.E.D.

VARTA Indestructible LED x5 Head Light 3AAA:

- Extremely robust (9m drop test), water resistant (IPX4), with shock-absorbing, rubberized housing
- Very bright 5x 5mm LEDs and two modes: 35 lumens and 11 lumens (energy saver)
- Compact and extremely lightweight, tiltable head light
- Designed for maximum durability

24m* 0.25 lux | UP TO 40h | UP TO 35 lumens | 5x 5mm L.E.D.

VARTA Indestructible 1 Watt LED Head Light 3AAA:

- Extremely robust (9m drop test), water resistant (IPX4), with shock-absorbing, rubberized housing
- High performance LED with two modes: 100 lumens and 36 lumens (energy saver)
- Compact and extremely lightweight, tiltable head light
- Designed for maximum durability

100m* 0.25 lux | UP TO 15h | UP TO 100 lumens | 1Watt L.E.D.

Type	Flashlights	Width (mm) Blister	Height (mm) Blister	Depth (mm) Blister	Weight (g) Blister	Length (mm) Torch	Width (mm) Torch	Depth (mm) Torch	Weight (g) Torch	Batteries	Order No./ Consumer unit	EAN / GTIN	Minimum pieces/ shipment unit	Housing	Bulb equipment
LED x4 Head Light 3AAA	1	100	230	40	71	42	68	37	45	-	17631 101 401	40 08496 67774 0	4	Plastic, Rubber	3x 5mm LED + 1x red LED
LED x4 Head Light 3AAA	1	100	230	40	104	42	68	37	45	incl.3x LR03 High Energy	17631 101 421	40 08496 67777 1	4	Plastic, Rubber	3x 5mm LED + 1x red LED
LED x5 Head Light 3AAA	1	100	230	40	124	40	62	44	65	incl.3x LR03 High Energy	17730 101 421	40 08496 68283 6	4	Plastic, Rubber	5x 5mm LED
1W LED Head Light 3AAA	1	100	230	40	123	40	62	44	64	incl.3x LR03 High Energy	17731 101 421	40 08496 68286 7	4	Plastic, Rubber	1W LED

*ANSI FL1 Standard

VARTA PREMIUM LED LIGHT 2AA | VARTA INDUSTRIAL FOCUS CONTROL LED 4AA | VARTA 0.5 WATT LED DAY LIGHT 2AA

Premium LED Light 2AA
17635

Industrial Focus Control LED 4AA
17640

0.5 Watt LED Day Light 2AA
17651

EASY LINE
POWER LINE
PROFESSIONAL LINE

VARTA Premium LED Light 2AA:

- Innovative 1 watt high performance LED for maximum illumination
- Spot-to-flood focusable beam
- High-end design combined with 6 times processed robust aluminium housing
- Extremely long illumination time

100m* 0.25 lux | 4h | 60 lumens | 1 WATT L.E.D.

VARTA 0.5 Watt LED Day Light 2AA:

- Impact resistant, three-component case (aluminium, rubber and ABS plastic)
- High performance 0.5 Watt LED for low energy consumption and high light output
- Lanyard offers optimum comfort during use

45m* 0.25 lux | 6h | 32 lumens | 0.5 WATT L.E.D.

VARTA Industrial Focus Control LED 4AA:

- Water repellent high performance LED flashlight
- Resistant against chemical fluids such as oil, fuel and diesel
- Stepless adjustable spot-to-flood function
- Non-slip rubber grip and hanging ring
- CREE XPC Q2 LED with 120 lumens (3 watt)
- Up to 3m shockproof
- Rugged ABS plastic housing

132m* 0.25 lux | 4h | 120 lumens | 3 WATT L.E.D.

Type	Flashlights	Width (mm) Blister	Height (mm) Blister	Depth (mm) Blister	Weight (g) Blister	Length (mm) Torch	Diameter (mm) Torch	Weight (g) Torch	Batteries	Order No./ Consumer unit	EAN / GTIN	Minimum pieces/ shipment unit	Housing	Bulb equipment
Premium LED Light 2AA	1	135	280	32	134	175	30	45	incl. 2x LR6 High Energy	17635 101 421	40 08496 67747 4	4	Aluminium	1 Watt LED
Industrial Focus Control LED 4AA	1	135	280	61	327	194	60	189	incl. 4x LR6 High Energy	17640 101 421	40 08496 67685 9	4	Plastic	3 Watt LED
LED Day Light 2AA	1	100	230	46	165	162	44	91,5	incl. 2x LR6 High Energy	17651 101 421	40 08496 67762 7	4	Aluminium, Plastic, Rubber	0,5 Watt LED

*ANSI FL1 Standard

VARTA LED FLEX NECK LIGHT 2AAA | VARTA INDUSTRIAL BEAM LANTERN 4D | VARTA DYNAMO LIGHT LED

LED Flex Neck Light 2AAA
17646

Industrial Beam Lantern 4D
17652

Dynamo Light LED
17680

EASY LINE
POWER LINE
PROFESSIONAL LINE

VARTA LED Flex Neck Light 2AAA:

- 0.5 high performance LED for an ideal illumination even of hard-to-access spots
- Bendable, 22cm long neck provides maximum flexibility
- Magnet clip allows fixation of the flashlight on metal surface
- DC/DC regulator for constant light output
- Water resistant according IPX4

56m* 0,25 lux | 17h | 30 lumens | 0.5 WATT L.E.D.

VARTA Dynamo Light LED:

- Always light – 100% battery independent
- One minute cranking provides 30 minutes light
- Modern lithium ion rechargeable battery – capacity 120 mAh
- Three white 5mm LEDs for a better beam range
- Shock resistant ABS plastic housing
- Water resistant

26m* 0.25 lux | 1h | 28 lumens | 3x 5mm L.E.D.

VARTA Industrial Beam Lantern 4D:

- Waterproof IPX7 (up to 1m)
- Resistant against chemical fluids such as oil, fuel and diesel
- Multi-adjustable stand for comfortable work

110m* 0.25 lux | 14h | 75 lumens | Krypton

Type	Flashlights	Width (mm) Blister	Height (mm) Blister	Depth (mm) Blister	Weight (g) Blister	Length (mm) Torch	Width (mm) Torch	Depth (mm) Torch	Weight (g) Torch	Batteries	Order No./ Consumer unit	EAN / GTIN	Minimum pieces/ shipment unit	Housing	Bulb equipment
LED Flex Neck Light 2AAA	1	135	280	32	171	375	-	21	62	incl. 2x LR03 High Energy	17646 101 421	40 08496 74659 0	4	Plastic, Rubber	0.5 Watt LED
Industrial Beam Lantern 4D	1	232	271	121	736	232	165	120	706	-	17652 101 111	40 08496 67706 1	4	Plastic, Rubber	4,80 V; 0,75 A Krypton (Bestell-Nr. 00792 000 402)
Dynamo Light	1	100	230	44	170	142	42	52	145	-	17680 101 401	40 08496 67700 9	4	ABS plastic	3x 5mm LED

*ANSI FL1 Standard

VARTA RECHARGEABLE DIRECT PLUG IN LED | VARTA LED SOLAR LIGHT

Rechargeable Direct Plug In LED
17682

LED Solar Light
17690

VARTA Rechargeable Direct Plug In LED:

- Handy rechargeable LED flashlight to plug-in directly into the wall socket
- Long lasting, durable and rechargeable NiMH accu (charge time 16h), rechargeable battery runtime is 1h
- No change of batteries required
- Three magnifying lenses for a long beam range
- With push button and practical lanyard for a comfortable usage
- Charging indicator
- 230V 50Hz AC input requirement, with cover for protecting plug

20m* 0.25 lux | 1h | 15 lumens | 3x 5mm L.E.D.

VARTA LED Solar Light:

- Designed solar light with two charging modes: Solar energy and pull mechanism
- Robust housing made from durable plastic
- 1 hour of charging in the sun provides 15-20 minutes light
- Pull string 60x and the 3 LEDs will light up 10 minutes (emergency charging)
- If battery is fully charged, flashlight has 2h runtime
- Long lifetime due to high performance lithium-ion rechargeable battery (replace only with LIR 2450, 3.6V, 110mAh)
- LEDs don't need replacement and guarantee long battery lifetime
- Low voltage (2.4V) and overcharge protection (4.2V) for a long lifetime

24m* 0.25 lux | 2h | 10 lumens | 3x 5mm L.E.D.

Type	Flashlights	Width (mm) Blister	Height (mm) Blister	Depth (mm) Blister	Weight (g) Blister	Length (mm) Torch	Width (mm) Torch	Depth (mm) Torch	Weight (g) Torch	Batteries	Order No./ Consumer unit	EAN / GTIN	Minimum pieces/ shipment unit	Housing	Bulb equipment
Rechargeable Direct Plug In LED	1	100	230	30	87	105	44	27	63,5	-	17682 101 401	40 08496 67765 8	4	Plastic	3x 5mm LED
LED Solar Light	1	100	230	21	116	130.5	50.5	18	93	-	17690 101 401	40 08496 67783 2	4	Plastic	3x 5mm LED

*ANSI FL1 Standard

VARTA 1 WATT SPORTSMAN LED 2AA | VARTA 4 WATT LED OUTDOOR PRO 3C

1 Watt Sportsman LED 2AA
18626

4 Watt LED Outdoor Pro 3C
18627

VARTA 1 Watt Sportsman LED 2AA:

- 1 watt high performance LED flashlight with low energy consumption and high light output
- Impact and water resistant aluminium housing in an exclusive design
- Lanyard for optimal comfort during use

60m* 0.25 lux | 5h | 45 lumens | 1 WATT L.E.D.

VARTA 4 Watt LED Outdoor Pro 3C:

- Premium outdoor flashlight with CREE XR-E high performance LED that lasts approx. 50,000 hrs.
- 4 watts LED yields 180 lumens for an amazingly long beam range
- Water resistant anodized aluminium body provides extreme durability
- Rubber non-slip grip and lanyard for a comfortable and secure use
- Two light modes: 100% and energy saving mode

180m* 0.25 lux | UP TO 60h | UP TO 180 lumens | 4 WATT L.E.D.

Type	Flashlights	Width (mm) Blister	Height (mm) Blister	Depth (mm) Blister	Weight (g) Blister	Length (mm) Torch	Diameter (mm) Torch	Weight (g) Torch	Batteries	Order No./ Consumer unit	EAN / GTIN	Minimum pieces/ shipment unit	Housing	Bulb equipment
1 Watt Sportsman LED 2AA	1	135	280	39	227	168	36	138	incl. 2x LR6 High Energy	18626 101 421	40 08496 67676 7	4	Aluminium	1 Watt LED
4 Watt LED Outdoor Pro 3C	1	150	330	44	273	246	44	219	-	18627 101 401	40 08496 67679 8	3	Aluminium, Rubber	4 Watt LED

*ANSI FL1 Standard

VARTA 1 WATT LED SPORTS HEAD LIGHT 2AAA | VARTA INDUSTRIAL RUBBERMATE LED 2D

1 Watt LED Sports Head Light 2AAA
18632

Industrial Rubbermate LED 2D
18641

EASY LINE
POWER LINE
PROFESSIONAL LINE

VARTA WORK LIGHT LED

Work Light LED 435
18660

EASY LINE
POWER LINE
PROFESSIONAL LINE

VARTA 1 Watt LED Sports Head Light 2AAA:

- 1 watt high performance LED produces 80 lumens
- Rotating diffuser lenses allow both – long beam range as well as close up flood light
- Red lens optimal for night vision
- Three light modes 100% output, 50% in battery-saving mode, and signal mode (hold button down for 3 seconds)
- Water and impact resistant for extreme conditions
- Adjustable head strap maximizes comfort

90m* 0.25 lux | UP TO 16h | UP TO 80 lumens | 1 WATT L.E.D.

VARTA Industrial Rubbermate LED 2D:

- Water repellent high performance LED flashlight
- Resistant against chemical fluids such as oil, fuel and diesel
- Stepless adjustable spot-to-flood function
- Non-slip rubber grip
- CREE XP-E Q4 LED with 180 lumens (3 watts)
- Up to 5m shockproof
- Aluminium / durable plastic body material mix
- Extremely robust for intense use

146m* 0.25 lux | UP TO 11h | UP TO 180 lumens | 3 WATT L.E.D.

VARTA Work Light LED:

- High performance LED CREE XR-E with 190 lumens (4 watts)
- 2 light modes: 100% light output and 50% energy saving modus
- 145° swivel head with adjustable height
- Acid resistant and oil repellent
- Carry strap for ease of use
- Includes VARTA High Energy battery
- Spare parts: battery pack - Order No. 00435 101 111

430m* 0.25 lux | UP TO 250h | UP TO 190 lumens | 4 WATT L.E.D.

Type	Flashlights	Width (mm) Blister	Height (mm) Blister	Depth (mm) Blister	Weight (g) Blister	Length (mm) Torch	Width (mm) Torch	Depth (mm) Torch	Weight (g) Torch	Batteries	Order No./ Consumer unit	EAN / GTIN	Minimum pieces/ shipment unit	Housing	Bulb equipment
1 Watt LED Sports Head Light 2AAA	1	100	230	41	106	40	65	40	58	incl. 2x LR03 High Energy	18632 101 421	40 08496 67780 1	4	ABS plastic	1 Watt LED
Industrial Rubber-mate LED 2D	1	150	330	73	594	210	68	-	264	incl. 2x LR20 High Energy	18641 101 421	40 08496 67792 4	4	Aluminium, Plastic	3 Watt LED

* ANSI FL1 Standard

Type	Flashlights	Width (mm) Blister	Height (mm) Blister	Depth (mm) Blister	Weight (g) Blister	Length (mm) Torch	Width (mm) Torch	Depth (mm) Leuchte	Weight (g) Torch	Batteries	Order No./ Consumer unit	EAN / GTIN	Minimum pieces/ shipment unit	Housing	Bulb equipment
Work Light LED	1	280	390	130	2100	240	80	295	660	incl. 1x 4LR25-2 High Energy	18660 101 421	40 08496 67801 3	2	Aluminium	4 Watt LED

* ANSI FL1 Standard

VARTA CAMPING LANTERN 4D | VARTA 4 WATT LED CAMPING LANTERN 3D

Camping Lantern 4D
18662

4 Watt LED Camping Lantern 3D
18663

VARTA Camping Lantern 4D:

- Beautifully shaped lantern with bright 9 watt fluorescent tube for 360° all around light
- Water-repellent casing made of ABS Plastic and rubber
- Handle can be extended for easier carrying

7m*(360°) 0.25 lux | 24h | 130 lumens | 9 WATT FLUORESCENT TUBE

VARTA 4 Watt LED Camping Lantern 3D:

- Ultra bright LED lantern for ultimate outdoor experiences
- Three high performance LEDs (=4 watt) with a total light output of 300 lumens for unbeatable
- Three light modes: high, low and strobe mode (after holding for 3 seconds)
- Water resistant for every weather condition
- Integrated hook in lantern base, ideal for hanging in tents when taking off at same time light cover
- Amazing 72 hrs. (in high mode) and 150 hrs. (in low mode) battery runtime
- Robust design made out of durable ABS plastic and rubber base
- Lays perfect in the hand due to rubberized handle

10m*(360°) 0.25 lux | UP TO 150h | UP TO 300 lumens | 4 WATT L.E.D.

Type	Flashlights	Width (mm) Blister	Height (mm) Blister	Depth (mm) Blister	Weight (g) Blister	Length (mm) Torch	Diameter (mm) Torch	Weight (g) Torch	Batteries	Order No./ Consumer unit	EAN / GTIN	Minimum pieces/ shipment unit	Housing	Bulb equipment
9 Watt Camping Lantern 4D	1	122	390	118	667	273	117	652	-	18662 101 111	40 08496 67691 0	4	Rubber, ABS plastic	9 Watt Fluorescent tube
4 Watt LED Camping Lantern 3D	1	122	355	88	432	185	88	422	-	18663 101 111	40 08496 67694 1	4	Rubber, ABS plastic	3x1.3 Watt LED

*ANSI FL1 Standard

VARTA 4 WATT LED ACCU LANTERN LED | VARTA RECHARGEABLE LANTERN LED

4 Watt LED Accu Lantern
18681

Rechargeable Lantern LED
18682

VARTA 4 Watt Accu Lantern LED:

- Rechargeable flashlight with environmentally friendly Ni-MH technology (2200 mAh) and powerful 4 watt high performance LED (150 lumens)
- 12 hours charging time
- 2 hours of light in constant operation
- Dual recharge with either AC/DC or car plug adaptor (included)
- LED charging indicator
- Rugged and water-repellent ABS housing with high resistant glass lens and rubber-coated lens covers
- Multi-adjustable rubber handle
- Tripod for hands-free usage (integrated in rubber handle)
- Carrying belt
- Spare parts: Ni-MH battery pack – Order No. 99034 504 491

372m* 0.25 lux | 2h | 150 lumens | 4 WATT L.E.D.

VARTA Rechargeable Lantern LED:

- Super bright 3 watt high performance LED with 150 lumens
- 4 position adjustable stand
- DC/DC regulator for constant light output
- Push switch (on/off)
- Shock resistant
- Charging circuit with protection against over-charging & over-discharging, charging time 14h

300m* 0.25 lux | 10h | 150 lumens | 3 WATT L.E.D.

Type	Flashlights	Width (mm) Blister	Height (mm) Blister	Depth (mm) Blister	Weight (g) Blister	Length (mm) Torch	Height (mm) Torch	Diameter (mm) Torch	Weight (g) Torch	Batteries	Order No./ Consumer unit	EAN / GTIN	Minimum pieces/ shipment unit	Housing	Bulb equipment
4 Watt LED Accu Lantern	1	283	395	137	1465	223	163	135	755	incl. Ni-MH Accu	18681 101 401	40 08496 67709 2	2	ABS plastic, Rubber	4 Watt LED
Recharge-able Lantern LED	1	322	250	130	1626	197	-	125	431	incl. Pb Accu	18682 101 401	40 08496 67712 2	2	ABS plastic	CREE XR-E Q2 LED 3 Watt

*ANSI FL1 Standard

EASY LINE
POWER LINE
PROFESSIONAL LINE

VARTA INDESTRUCTIBLE 1 WATT LED LIGHT 3AAA | VARTA INDESTRUCTIBLE 1 WATT LED LIGHT 2AA

Indestructible 1 Watt LED Light 3AAA
18700

Indestructible 1 Watt LED Light
2AA 18701

VARTA Indestructible 1 Watt LED Light 3AAA:

- Extremely robust (9m drop test) and water resistant (IPX4), with a shock-absorbing rubberized head and end cap
- High performance LED with special lens optics and two modes: 120 lumens and 19 lumens (energy saver)
- Made of high quality, specially hardened aircraft aluminium for maximum durability

160m* 0.25 lux | UP TO 40h | UP TO 120 lumens | 1 WATT L.E.D.

VARTA Indestructible 1 Watt LED Light 2AA:

- Extremely robust (9m drop test) and water resistant (IPX4), with a shock-absorbing rubberized head and end cap
- High performance LED with special lens optics and two modes: 100 lumens and 18 lumens (energy saver)
- Made of high quality, specially hardened aircraft aluminium for maximum durability

150m* 0.25 lux | UP TO 35h | UP TO 100 lumens | 1 WATT L.E.D.

Type	Flashlights	Width (mm) Blister	Height (mm) Blister	Depth (mm) Blister	Weight (g) Blister	Length (mm) Torch	Diameter (mm) Torch	Weight (g) Torch	Batteries	Order No./ Consumer unit	EAN / GTIN	Minimum pieces/ shipment unit	Housing	Bulb equipment
Indestructible 1W LED Light 3AAA	1	100	230	43	196	136	41	137	incl. 3x LR03 High Energy	18700 101 421	40 08496 68271 3	4	Aluminium	1 Watt LED
Indestructible 1W LED Light 2AA	1	135	280	40	234	164	38	145	incl. 2x LR6 High Energy	18701 101 421	40 08496 68274 4	4	Aluminium	1 Watt LED

*ANSI FL1 Standard

VARTA INDESTRUCTIBLE 3 WATT LED LIGHT 3C | VARTA INDESTRUCTIBLE 3 WATT LED LANTERN 4C

Indestructible 3 Watt LED Light 3C
18702

Indestructible 3 Watt LED Lantern 4C
18750

VARTA Indestructible 3 Watt LED Light 3C:

- Extremely robust (9m drop test) and water resistant (IPX4), with a shock-absorbing rubberized head and end cap
- High performance LED with special lens optics and two modes: 140 lumens and 45 lumens (energy saver)
- Made of high quality, specially hardened aircraft aluminium for maximum durability

140m* 0.25 lux | UP TO 85h | UP TO 140 lumens | 3 WATT L.E.D.

VARTA Indestructible 3 Watt Lantern 4C:

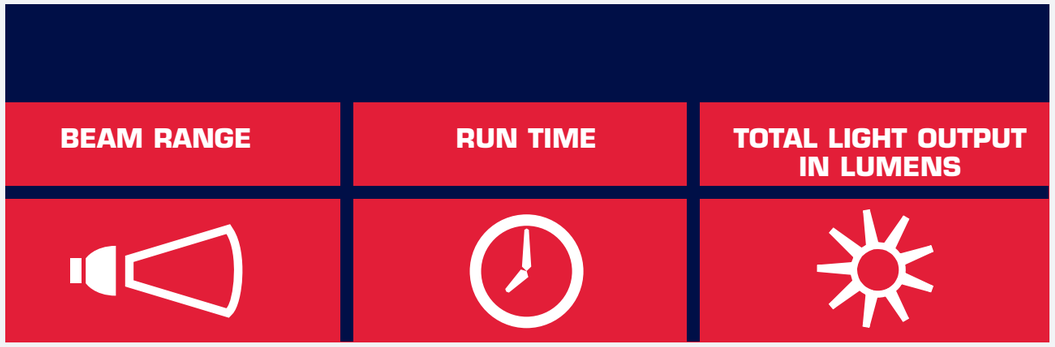
- Extremely robust (4m drop test) and water resistant (IPX4), with a shock-absorbing rubberized head
- High performance LED with special lens optics and two modes: 150 lumens and 50 lumens (energy saver)
- Electronic regulation for uniform light
- Designed for maximum durability

350m* 0.25 lux | UP TO 78h | UP TO 150 lumens | 3 WATT L.E.D.

Type	Flashlights	Width (mm) Blister	Height (mm) Blister	Depth (mm) Blister	Weight (g) Blister	Length (mm) Torch	Width (mm) Torch	Diameter (mm) Torch	Weight (g) Torch	Batteries	Order No./ Consumer unit	EAN / GTIN	Minimum pieces/ shipment unit	Housing	Bulb equipment
Indestructible 3W LED Light 3C	1	150	330	50	553	246	-	48	293	incl. 3x LR14 High Energy	18702 101 421	40 08496 68277 5	3	Aluminium	3 Watt LED
Indestructible 3W LED Lantern 4C	1	180	240	91	884	147	84	132	540	incl. 4x LR14 High Energy	18750 101 421	40 08496 68280 5	2	Aluminium	3 Watt LED

*ANSI FL1 Standard

NEW ANSI FL1 STANDARD



VARTA´s comparable features according to ANSI

In August 2009 the American National Standards Institute (ANSI) has published the ANSI FL 1 "Flashlight Basic Performance" Standard (developed by the Flashlight Standards Committee) for the first time. Initially introduced for the United States it is on the way to become the first worldwide flashlight standard with fixed definitions and testing methods for flashlight basic performance as well as associated marking.

The clearly defined test methods and marking rules will help retailers and consumers to gain a clearer understanding of the performance. Furthermore they match very well to the overall idea of the VARTA Flashlight Relaunch 2011. Therefore VARTA has adapted its way of measuring the flashlights' performance to the new standard.

The American National Standards Institute (ANSI) is a private non-profit organization that oversees the development of voluntary consensus standards for products, services, processes, etc. in the United States. The organization coordinates U.S. standards with international standards, which allows international comparison.

VARTA's comparable features according to ANSI

– Beam Range: According to ANSI the beam range is measured as the distance between the flashlight and the point where the light beam is minimum 0.25 lux. With the relaunch 2011 VARTA adjusts its measuring method to this new standard. The VARTA beam range was previously measured at the point where the light beam was minimum 1 lux. Older VARTA beam range information needed to be doubled to match the new ANSI Standard.

– Runtime: Runtime is defined as the time span between turning on the light and the moment it only produces 10% of the initial light output. It is the battery lifetime of the flashlight in constant use without turning it off. VARTA has always measured to the 10% light output level, therefore, there are no changes to these measurements.

– Total Light Output: Total light output is measured in lumens. It is the total quantity of emitted light energy, considering the entire angular output of the flashlight.

With the Flashlight Relaunch 2011 VARTA will follow the ANSI Standard in any and all claims. Please be aware that only a true comparison is possible if other product follows the new standard as well. Missing ANSI information on the packaging might indicate that this product does not adhere to the same performance standard as VARTA.

With the Flashlight Relaunch 2011 VARTA simplifies the flashlight purchasing process, making it easy to compare any product performances.

EASY LINE

	Spot Light 2AA	Mini Day Light LED 1AAA	Industrial Light LED 2D	LED Day Light 2AA	LED Pen Light 1AAA	LED Lipstick Light 1AAA	Trilogy LED Light 3AAA	Gelly LED Light 2AA	Profi Light 2C	Pocket Light 3R12	Palm Light 3R12	LED Silver Light 3AAA	XS Camping Lantern LED 4AA
Order Nr.	16600 101 401	16601 101 421	16604 101 401	16610 101 421	16611 101 421	16617 101 421	16615 101 421	16616 101 421	16623 101 401	16640 101 401	16645 101 421	16647 101 421	16664 101 111
Battery	for 2AA	incl. 1AAA	for 2D	incl. 2AA	incl. 1AAA	incl. 1AAA	incl. 3AAA	incl. 2AA	for 2C	for 3R12	incl. 3R12	incl. 3AAA	for 4AA
Shipment Unit	6	6	4	6	6	6	6	6	6	12	6	6	4
Beam Range	44m	18m	52m	42m	11m	25m	52m	50m	36m	34m	75m	56m	3.2m
Runtime	2h	3.5h	160h	65h	15h	3h	70h	50h	5h	3h	3.5h	12h	(up to) 15h
Total Light Output	14lm	9lm	25lm	25lm	3lm	19lm	11lm	6lm	12lm	18lm	15lm	28lm	(up to) 24lm
Light Source	Krypton	5mm LED	0.5 Watt LED	3x5mm LED	5mm LED	0.5 Watt LED	5mm LED	5mm LED	Krypton	Bulb	Bulb	3x5mm LED	8x5mm LED
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POWER LINE

	LED Day Light 2D	Swivel Light LED 2AA	0,5 Watt LED Light 4AA	1 Watt LED Outdoor Pro 3AAA	LED x4 Head Light 3AAA	Premium LED Light 3AAA	Indestructible LED x5 Head Light 3AAA	Indestructible 1W LED Head Light 3AAA	Premium LED Light 2AA	Industrial Focus Control LED 4AA	LED Flex Neck Light 2AAA	0,5W LED Day Light 2AA	Industrial Lantern 4D	Dynamo Light LED	Rechargeable Direct Plug In LED	LED Solar Light
Order Nr.	17611 101 421	17622 101 421	17625 101 421	17628 101 421	17631 101 421	17634 101 421	17730 101 421	17731 101 421	17635 101 421	17640 101 421	17646 101 421	17651 101 421	17652 101 111	17680 101 401	17682 101 401	17690 101 401
Battery	incl. 2D	incl. 2AA	incl. 4AA	incl. 3AAA	incl. 3AAA	incl. 3AAA	incl. 3AAA	incl. 3AAA	incl. 2AA	incl. 4AA	incl. 2AAA	incl. 2AA	for 4D	incl. 1 Lith-Ionen Akku	incl. NiMH-Akku	incl. 1 Lith-Ionen Akku
Shipment Unit	4	6	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Beam Range	63m	40m	68m	50m	18m	36m	24m	100m	100m	132m	56m	45m	110m	26m	20m	24m
Runtime	140h	35h	52h	(up to) 20h	(up to) 38h	13h	40h	15h	4h	4h	17h	6h	14h	1h	1h	2h
Total Light Output	58lm	23lm	20lm	(up to) 80lm	(up to) 22lm	30lm	35lm	100lm	60lm	120lm	30lm	32lm	75lm	28lm	15lm	10lm
Light Source	7x5mm LED	0.5 Watt LED	0.5 Watt LED	1 Watt LED	3x 5mm + 1x red LED	0.5 Watt LED	5x5mm LED	1 Watt LED	1 Watt LED	3 Watt LED	0.5 Watt LED	0.5 Watt LED	Krypton	3x5mm LED	3x5mm LED	3x5mm LED
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PROFESSIONAL LINE

	1 Watt Sportsman LED 2AA	4 Watt LED Outdoor Pro 3C	1 Watt LED Sports Head Light 2AAA	Industrial Rubbermate LED 2D	Work Light LED 435	Camping Lantern 4D	4 Watt LED Camping Lantern 3D	4 Watt Accu Lantern LED	Rechargeable Lantern LED	Indestructible 1W LED Light 3AAA	Indestructible 1W LED Light 2AA	Indestructible 3W LED Light 3C	Indestructible 3W LED Lantern 4C
Order Nr.	18626 101 421	18627 101 401	18632 101 421	18641 101 421	18660 101 421	18662 101 111	18663 101 111	18681 101 401	18682 101 401	18700 101 401	18701 101 421	18702 101 421	18750 101 421
Battery	incl. 2AA	for 3C	incl. 2AAA	incl. 2D	incl. 1x4LR25-2 High Energy	for 4D	for 3D	incl. 1xNiMH Akku	incl. Pb Akku	incl. 3AAA	incl. 2AA	incl. 3C	incl. 4C
Shipment Unit	4	3	4	4	2	4	4	2	2	4	4	3	2
Beam Range	60m	180m	90m	146m	430m	7m (360°)	10m (360°)	372m	300m	160m	150m	140m	350m
Runtime	5h	(up to) 60h	(up to) 16h	(up to) 11h	(up to) 250h	24h	(up to) 150h	2h	10h	40h	35h	85h	78h
Total Light Output	45lm	(up to) 180lm	(up to) 80lm	(up to) 180lm	(up to) 190lm	130lm	(up to) 300lm	150lm	150lm	120lm	100lm	140lm	150lm
Light Source	1 Watt LED	4 Watt LED	1 Watt LED	3 Watt LED	4 Watt LED	9 Watt Fluorescent tube	4 Watt LED	4 Watt LED	3 Watt LED	1 Watt LED	1 Watt LED	3 Watt LED	3 Watt LED
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LEDS ARE “WHAT’S NEW” IN FLASHLIGHT TECHNOLOGY

What is an LED?

- LED stands for “Light Emitting Diode”.
- It is not a bulb, it does not use a filament. It is a plastic sealed semi-conductor with phosphorous coating that produces light. The LED itself is a solid-state electronic device.
- LEDs are highly energy efficient and made without glass.
- Light beam is not created by heat, it is emitted directly from electrons (cold light).

LEDs benefits
• Durable and virtually unbreakable
• Extremely energy efficient
• Resistant to heat, cold and shock
• LEDs last 50,000 – 100,000 hours

LED TECHNOLOGY

Measures of Comparison

- Millimeter: Indicates the size of the LED in diameter.
- Watts: Measures the electrical power consumption by a light.
- Lumens: Most dependable measure of a light’s true output. The “standard” in light output.
- Lux (lx): Measure of the illuminance, shows how many lumens per square metre are reaching a certain surface. The Lux value is the most common known photometric unit and indicates very clearly the lighting condition at a special point.
- Candela (cd): Unit of the luminous intensity. It’s the power emitted by a light source in a particular direction. A common candle emits light with a luminous intensity of roughly one candela (=1 lx in distance of 1 meter).

LEDs vs. Incandescent Bulbs

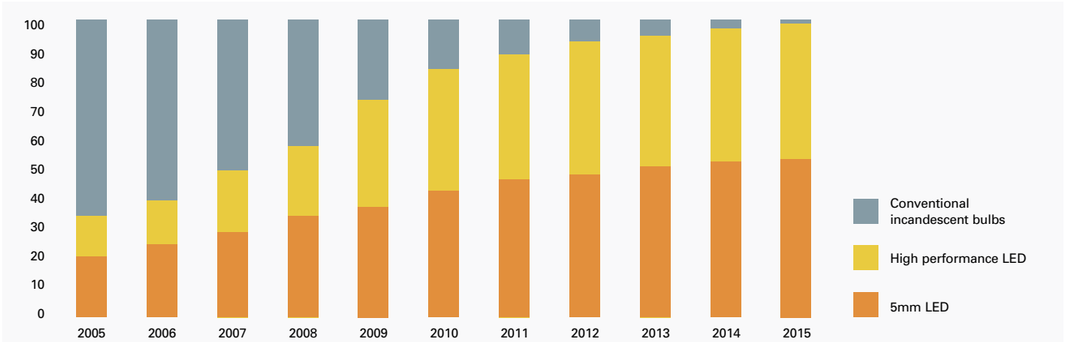
High Performance LEDs	5mm / Standard LEDs	Incandescent Bulbs
– Virtually shatter proof and since they don’t heat up they are very safe, won’t crack and are vibration resistant (highly shock resistant) – Very strong, white light (high colour temperature) – High Performance LED last up to 50,000 hours – Due to high performance suitable for long distances – Focusing possible – High efficiency regarding the relation between power consumption and true light output	– Virtually shatter proof and since they don’t heat up they are very safe, won’t crack and are vibration resistant (extremely resistant to shocks) – Light is much whiter, sometimes slightly blue (high colour temperature) – LED lasts quasi for the lifetime of the flashlight (up to 100,000 hours) – For activities in low-distance (low performance approx. 150mW) – Providing longer battery runtime due to high energy efficiency at lower performance	– Can break quite easily – Light tends to be slightly red/ yellow (low colour temperature) – Bulb life cycle only 20 - 30 hours (the filament is a wearing part, it vaporises during its lifetime. – Shorter battery lifetime due to extremely high power consumption

Comparison of operation costs in 200 hours of service

2AA 5mm LED Flashlight	2AA Incandescent Bulb Flashlight
0 bulbs 40-45 hrs runtime per battery set ~ ca. 10 AA batteries/200hrs.	10 bulbs 2-3 hrs runtime per battery set ~ ca. 160 AA batteries/200 hrs.
Estimated costs*: ~ 6%	**Estimated costs*:** ~ 100%

* Relating to end-consumer price

LEDs: The lightsource of the future



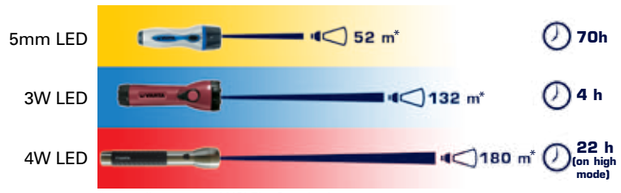
In 2015 about 98% of all sold flashlights will be equipped with LEDs.

What makes LEDs so special?

The advantages of the LED flashlight speak for themselves:

– up to 5x brighter light output
– up to 10x longer battery runtime

than conventional incandescent bulb flashlights.



* according to new ANSI FL1 Standard

Now better than ever before: The new LED technology from VARTA

Luminosity (approx.)	180 lumens	80 lumens	32 lumens	4 lumens
Technology (approx.)	4 Watt LED	1 Watt LED	0.5 Watt LED	5 mm LED

BULBS

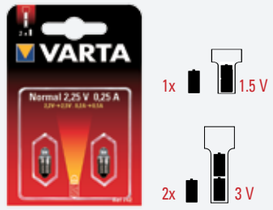
The blister colours and pictograms as shown on the torch fittings:

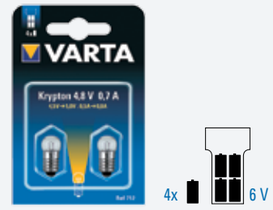
Red = for flashlights with 1 and 2 batteries

Green = for flashlights with 3 batteries

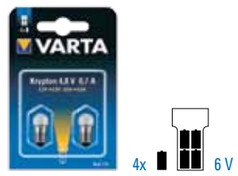
Blue = for flashlights with 4 batteries and more

The labelling system above summarizes the type information





- The comprehensive selection of spare bulbs, including normal, krypton, halogen and xenon tops off the flashlight range
- The unique blister pack concept makes it easy to find the right bulb



Type	LR03-LR6-LR14-LR20 / 1x 2R10				LR03-LR6-LR14-LR20 / 1x 3R8-3R12			LR03-LR6-LR14-LR20 / 1x 4R25/2	
Normal bulbs for HIGH ENERGY Batteries	**718** 2.40 V; 0.50 A	**701** 2.40 V; 0.30 A	**742** 2.25 V; 0.25 A	**703** 1.20 V;0,30 A **704** 2.30 V; 0.27 A **705** 2.60 V; 0.30 A	**720** 3.70 V; 0.30 A	**714** 3.50 V; 0.20 A			
Krypton bulbs for HIGH ENERGY Batteries	**749** 2.20 V; 0.47 A **751** 2.40 V; 0.70 A				**752** 3.60 V; 0.75 A		**792** 4.80 V; 0.75 A **721** 4.80 V; 0.5 A	**712** 4.80 V; 0.70 A	
Fluorescent Tube for HIGH ENERGY Batteries									**794** 9 Watt

Type	Voltage (V)	Technology	Amperage (A)	Bulbs	Width (mm)	Height (mm)	Depth (mm)	Weight (g)	Order-No./ Consumer unit	EAN/GTIN/ Consumer unit	Minimum pieces/ shipment unit	For VARTA flashlights	
701	2.40	Normal	0.30	2	80	120	15	6	00701 000 402	40 08496 30122 5	10	12670	
703	1.20	Normal	0.30	2	80	120	15	6	00703 000 402	40 08496 35111 4	10	14600	
704	2.30	Normal	0.27	2	80	120	15	6	00704 000 402	40 08496 28688 1	10	–	
705	2.60	Normal	0.30	2	80	120	15	6	00705 000 402	40 08496 37927 9	10	10613 (new: 16613)	
712	4.80	Krypton	0.70	2	80	120	15	9	00712 000 402	40 08496 34659 2	10	12630	
714	3.50	Normal	0.20	2	80	120	15	8	00714 000 402	40 08496 21937 7	10	604	
718	2.40	Normal	0.50	2	80	120	15	9	00718 000 402	40 08496 17602 1	10	96605, 96607	
720	3.70	Normal	0.30	2	80	120	15	9	00720 000 402	40 08496 17605 2	10	10645, 10640 (new: 16645, 16640)	
721*	4.80	Krypton	0.50	1	80	120	15	8	00721 000 401	40 08496 55344 0	10	13651	
742	2.25	Normal	0.25	2	80	120	15	9	00742 000 402	40 08496 10165 8	10	13625, 14610	
749	2.20	Krypton	0.47	2	80	120	15	10	00749 000 402	40 08496 37938 5	10	10614, 13640, 12603, 12622 (new: 17622)	
751	2.40	Krypton	0.70	2	80	120	15	9	00751 000 402	40 08496 35978 3	10	10600, 13601, 11610, 11611, 13600, 12604, 12623 (new: 16600, 16604)	
752	3.60	Krypton	0.75	2	80	120	15	9	00752 000 402	40 08496 34648 6	10	10646	
792	4.80	Krypton	0.75	2	80	120	15	9	00792 000 402	40 08496 34628 8	10	12660,12651 (new: 17652)	
794	–	Fluorescent Tube 9 Watt	–	1	140	245	23	50	00794 000 401	40 08496 62725 7	5	11662 (new: 18662)	

* available as long as stocks last

PRODUCT DISPLAY SYSTEMS

Different solutions composed for you **individually**.

At **VARTA**, innovation as an ongoing process - especially for point of sale communication.

Take the **VARTA Battery Center**, an attractive display unit for offering centralized placement of batteries in high traffic areas. We further offer product display systems for counters, checkouts and for mounting on columns and gondola heads, some of which enable a 360° revolving product display.
New battery-shaped displays have a strong eye-catching effect.

Displays encourage incremental impulse purchases in areas with high customer traffic, even in inconvenient locations and tiny spaces. Informative panels with an integrated battery cut-out and a basket for additional product placement make it easy for consumers to find the right battery.

For promotion at the POS, VARTA provides attractive materials for communication of the VARTA TriEnergy concept.

VARTA product displays – placements that sell.

PRODUCT DISPLAY UNITS AS STANDALONE SYSTEMS

Battery Shaped Sales Stand, Metal
9026 260 001
delivered empty

Battery Shaped Sales Stand, Cardboard
91560 112 050
delivered empty

Battery Shaped Dispenser, Plastic
9026 270 001
delivered empty

– Eye-catching battery-shaped displays

– Maximum visibility at the POS

Order No.	Height (cm)	ground area (cm)	Hooks (incl.)
9026 260 001	165	60x40	40
91560 112 050	172	60x40	32
9026 270 001	145	60x40	-

Hook refills*

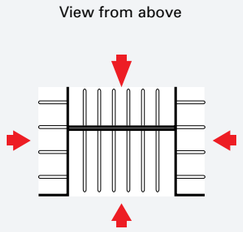
Order No.	Hook length
9026 295 220	20 cm

* Shipping unit: 20 pieces/box

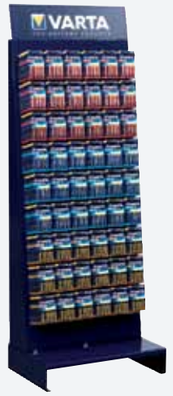
If required, please contact your representative at VARTA Sales.

PRODUCT DISPLAY UNITS AS STANDALONE SYSTEMS

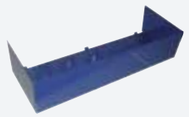
Small Battery Center
9026 300 190



Four sides can be stocked with products



Metal Sales Stand, Metal
9026 200 054



Basket
9026 210 060

- Striking display units for centralized product placement
- Maximum visibility at the POS
- Attractive and highly profitable solutions for gondola end placement
- The high capacity offers a profitable full assortment garnishing
- Optional information panels (left and right)
- Optional basket for additional product placement

Order No.	Height (cm)	Ground area (cm)	Hooks (incl.)	Hook length (cm) – 54 pieces	Hook length (cm) – 130 pieces
9026 300 190	165	99x54	184	25	200

Hook refills*

Order No.	Hook length
9026 295 220	20 cm
9026 295 225	25 cm

* Shipping unit: 20 pieces/box

If required, please contact your representative at VARTA Sales.

PRODUCT DISPLAY UNITS AS STANDALONE SYSTEMS

Metal Sales Stand, Metal
9026 200 036

Basket
9026 210 040

(set of 2 pcs.)

Side Panels, Metal
9026 215 001

Side Panels installation optional
sidewise (distant) or forward-facing

- Encourages impulse purchases in highly frequented consumer areas
- Can be used effectively even in inconvenient locations and small spaces
- Optional information panels (left and right)
- Optional basket for additional product placement

Order No.	Height (cm)	ground area (cm)	Hooks (incl.)	Hook length (cm)
9026 200 054	164	60x40	54	20
9026 200 036	164	40x40	36	20

Refill basket

Order No.	Height (cm)	Width (cm)	Depth (cm)
9026 210 060	12.5	58.5	22
9026 210 040	12.5	39	22

Side Panels (compatible with sales stand 9026 200 054 and 9026 200 036)

Order No.	Height (cm)	Width (cm)	Depth (cm)
9026 215 001	10.3	15.5	0.5

Hook refills*

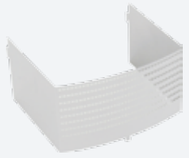
Order No.	Hook length
9026 295 220	20 cm

*Shipping unit: 20 pieces/box

If required, please contact your representative at VARTA Sales.

FLOOR DISPLAY I GONDOLA END PLACEMENT

Floor display
9016 200 024



Basket for floor display
9016 210 035

- Encourages impulse purchases in highly frequented consumer areas
- Can be used effectively even in inconvenient locations and small spaces
- Equipped with information panels (left and right)
- Optional basket for additional product placement

Order No.	Height (cm)	Width (cm)	Depth (cm)	Hooks (incl.)	Hook length (cm)
9016 200 024	169	51	35	24	20

Refill basket

Order No.	Height (cm)	Width (cm)	Depth (cm)
9016 210 035	15	28	22

Hook refills*

Order No.	Hook length
9006 255 215	15 cm
9006 255 220	20 cm
9006 255 225	25 cm

*Shipping unit: 20 pieces/box

If required, please contact your representative at VARTA Sales.

COUNTER DISPLAY SYSTEMS

Counter display systems
9016 100 012

Counter display systems
9016 100 020

- Compact and space-saving presentation of round-cells, button cells or torches
- Also suitable for wall-mounting
- Maximum effect while using a minimum of space

Order No.	Height (cm)	Width (cm)	Depth (cm)	Hooks (incl.	Hook length (cm)
9016 100 012	55	37.5	20	12	15
9016 100 020	80	37.5	20	20	15

Hook refills*

Order No.	Hook length
9006 255 215	15 cm
9006 255 220	20 cm
9006 255 225	25 cm

* Shipping unit: 20 pieces/box

If required, please contact your representative at VARTA Sales.

ROTATING PRODUCT DISPLAY SYSTEMS I FLASHLIGHT TESTING STATION

Rotating countertop product display
9016 150 030

Flashlight Testing Station
9016 930 001

- Attractive 360° product presentation that supports impulse purchases
- High yield thanks to optimum stock holding
- Eye-catcher

- High valuable acrylic counter display providing an attractive flashlight testing possibility for customers at the POS
- Can be also easily integrated within a hooks shelf as it can be fixed with two hooks and two cable ties to the back wall
- Made for 5 flashlights
- Includes materials to fix the flashlights against shop lifting + two cable ties
- Flashlights and the info panel with explanations to the specific flashlight have to be added individually

Order No.	Height (cm)	Diameter (cm)	Hooks (incl.)	Hook length (cm)
9016 150 030	49	36.5	30	10

Hook refills*

Order No.	Hook length
9006 255 210	10 cm
9006 255 215	15 cm

* Shipping unit: 20 pieces/box

Testing Station

Order No.	Height (cm)	Width (cm)	Depth (cm)
9016 930 001	130	460	345

If required, please contact your representative at VARTA Sales.

PRODUCT DISPLAY SYSTEMS FOR BUTTON CELLS

Lockable button-cell display unit
9016 500 016

Button-cell display unit
9016 100 008

Display for watch cells
9016 800 001

- Space-saving flexible product presentation systems
- Button-cell display units also suitable for wall-mounting
- Maximum impact while occupying minimum space

- Individual product systems especially for watch cells

Order No.	Height (cm)	Width (cm)	Depth (cm)	Hooks (incl.)	Hook length (cm)
9016 500 016	51	43	21	16	15
9016 100 008	41	15	12	8	8

Hook refills*

Order No.	Hook length
9006 255 210	10 cm

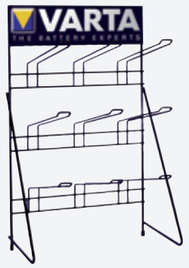
* Shipping unit: 20 pieces/box

Order No.	Height (cm)	Width (cm)	Depth (cm)
9016 800 001	3.8	28.7	21.8

If required, please contact your representative at VARTA Sales.

PRODUCT DISPLAY BASIC SYSTEM

Product basic display system for counter
9017 100 006



Product basic display system for counter
9017 100 009

Wall placement
9017 950 005

Floor placement
9017 200 040

– Simple and space-saving presentation of roundcells

Order-Nr.	Height (cm)	Width (cm)	Depth (cm)	Hooks (fix)	Hooks length (cm)
9017 100 006	51	23.5	18	6	17
9017 100 009	51	31	22	9	20
9017 950 005	78.5	10	13	5	12
9017 200 040	164	40	35.5	40	20

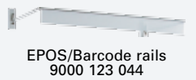
If required, please contact your representative at VARTA Sales.

UNIVERSAL PRODUCT DISPLAY FOR SELF-SERVICE STORES

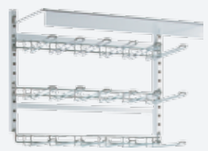
Basic module 140 cm*
9000 120 036

Shelf height 160 cm
1 x 9000 120 036
+1 x 9000 122 006

Shelf height 180 cm
1 x 9000 120 036
+1 x 9000 121 018



EPOS/Barcode rails
9000 123 044



Construction module 1
9000 121 018

Light strip
9000 123 004

Construction module 2
9000 122 006

– Product display unit in ready-to-assemble kit design

– Thanks to modular combinations, the height is adjustable from 140 cm to 220 cm

– No tools required for assembly

Order No.	Height (cm)	Width (cm)	Depth (cm)	Hooks (incl.)	Hook length (cm)
9000 120 036	140*	57	44.5	6 hooked racks with 6 hooks each 2 EPOS/Barcode rails	25

* Incl. crowner sign

Order No.	Height (cm)	Width (cm)	Depth (cm)	Hooks (incl.)	Hook length (cm)
9000 121 018	40	57	-	3 hooked racks with 6 hooks each 1 EPOS/Barcode rail	25
9000 122 006	20	57	-	1 hooked rack with 6 hooks	25
9000 123 044*	-	57	-	-	-
9000 123 004**	-	57	-	4 adjustable hooks	25

* Shipping unit: 4 scanning rails/box
** Shipping unit: 4 light strips/box

If required, please contact your representative at VARTA Sales.

METAL SIGHT RAILS (HANG-UP)

Set of 2 rails with 9 hooks per rail
9026 170 009

Set of 2 rails with 18 hooks per rail
9026 170 018

- **Space saving and easy to handle**
- **Perfect for every shelf: can be placed everywhere**
- **Supports impulse purchase in high frequency areas**
- **Guarantees efficient product rotation**

Metal Sight Rails (Set of 2 rails, delivered empty)

Order No.	Height (cm)	Width (cm)	Hooks (incl.) per set	Hook length (cm)
9026 170 009	115	6.7	18	20
9026 170 018	115	14.3	36	20

CLIP STRIPS PLASTIC I CLIP STRIPS CARDBOARD

Clip Strip Empty
9050 112 002

Clip Strip 97600 HE AA/AAA
97600 121 801
delivered garnished

Clip Strip 97600 HE AA
97600 121 811
delivered garnished

Clip Strip 97601 HE AAA
97601 112 811
delivered garnished

- **Space saving and easy to handle**
- **Perfect for every shelf: can be placed everywhere**
- **Supports impulse purchase in high frequency areas**
- **Guarantees efficient product rotation**

Clip Strips Plastic (empty)

Type	Packaging size: Clip Strips per packaging	Batteries per Blister	Width (mm)	Height (mm)	Depth (mm)	Weight (g)	EAN/GTIN Consumer unit	Order No.
Clip Strip Empty (to fit 10 blister per clip strip) Size of clip strip 820 x 65mm	10	-	240	78	297	548	40 08496 714 97 1	9050 112 002

Clip Strips Cardboard (including batteries)

Type	Packaging size: Content: Blister per Innercarton	Batteries per Blister	Width (mm)	Height (mm)	Depth (mm)	Weight (g)	EAN/GTIN Consumer unit	Order No.
Clip Strip 97600 HE AA/AAA	8 x AAA 12 x AA	4	160	142	172	1772	40 08496 63086 8	97600 121 801
Clip Strip 97600 HE AA	20 x AA	4	160	142	172	2176	40 08496 66680 5	97600 121 811
Clip Strip 97601 HE AAA	20 x AAA	4	160	142	172	1186	40 08496 66613 3	97601 112 811

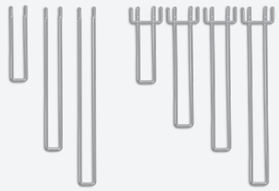
If required, please contact your representative at VARTA Sales.

BULK DISPLAYS (CARDBOARD AND METAL)

Low cost bulk display empty
98000 112 811

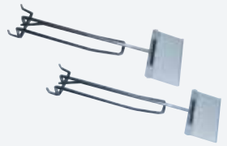
Cardboard bulk display empty
98000 112 801

PRODUCT DISPLAY UNIT ACCESSORIES



Standard hook without bar

Standard hook with bar



Scanning hooks

Hook shortener

Price flags, transparent

Hook lock

– **Empty bulk display: made of cardboard or metal**

Type	Width (mm)	Height (mm)	Depth (mm)	Weight (g)	EAN/GTIN Consumer unit	Order No.
Low cost bulk display empty*	585	785	800	4600	40 08496 66652 2	98000 112 811
Bulk display empty cardboard*	520	800	600	3495	40 08496 63322 7	98000 112 801

*Dimensions for assembled displays

If required, please contact your representative at VARTA Sales.

Order No.	Type	Hook length (cm)	Shipping unit pieces/box	Dimensions (cm)
9006 255 210	Standard hook without bar	10	20	-
9026 295 220	Standard hook without bar	20	20	-
9026 295 225	Standard hook without bar	25	20	-
9006 295 210	Standard hook with bar	10	20	-
9006 255 215	Standard hook with bar	15	20	-
9006 255 220	Standard hook with bar	20	20	-
9006 255 225	Standard hook with bar	25	20	-
9006 256 220	Scanning hooks	20	30	5.2 x 4 Scanner bag
9006 256 225	Scanning hooks	25	30	5.2 x 4 Scanner bag
9000 036 060	Hook shortener	-	50	-
9000 033 005	Price flags, transparent	-	100	2.7 x 2.7
9016 700 001	Hook lock	-	10 pcs. / poly bag	5 x 2 x 3.5

If required, please contact your representative at VARTA Sales.

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